

ANNUAL REPORT

CHARLES UNIVERSITY IN PRAGUE
FIRST FACULTY OF MEDICINE



2009



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REPORT ON THE ACTIVITIES 2009



DEAN OF THE FACULTY



DEAN OF THE FACULTY

Dear colleagues, dear members of the academic community and the staff of the First Faculty of Medicine,

here is the Annual Report of activities and economy of the First Faculty of Medicine of Charles University in Prague for the year 2009.

As every year, this Annual Report is a review of the year's balance but at a time let me pinpoint several factors which markedly influenced the operation of our Faculty in the past year and will leave a mark in its history.

In October 2009, new premises of the Institute of Scientific Information and the Institute for History of Medicine and Foreign Languages were open after the extensive reconstruction in the building at 4 U Nemocnice, just between the streets Kateřinská, U Nemocnice and Benátská, which is inseparably connected to the history of the General Hospital and our oldest medical faculty. At the time when the reconstruction was finished, the faculty commemorated the 150th anniversary of the building as well. The solemn opening ceremony was attended by the Minister of Education, Youth and Physical Culture of the Czech Republic, Minister of Health of the Czech Republic, Lord Mayor of the capital city of Prague, other prominent representatives of the government and state institutions, deans of medical faculties and directors of teaching hospitals. Reconstruction of the building provided high-quality environment, modern background and technological equipment for education of our students and providing necessary information for the staff of the faculty and hospital. In the respect of

architecture the building is praised by specialists as an epitome of late classicist structure.

It has become a tradition that, apart from its extensive research and educational activity, which is our priority, the Faculty lives a rich social life and invariably tries to enhance its prestige and promote its reputation home as well as abroad. This is naturally shown by publishing the results of scientific activities but also by a wide scope of various events, anniversaries and presentations of achievements to the public. As early as in the first weeks of January there were a number of traditional events marking the beginning of a new year at the Faculty. Above all these included the 121st Prom Ball of Czech Medics, which took place in the beautiful setting of the Žofín Palace, and the Open Day of the First Faculty of Medicine of Charles University, traditionally attended by hundreds of young people interested in studies at our Faculty.

In the spring, reconstructed operating theatres and the intensive care unit were opened at the 1st Surgical Department of the First Faculty of Medicine and General Teaching Hospital. This generous large-scale upgrade, involving installation of the latest surgical technology, substantially enhanced the quality of care of the surgically ill at the largest surgical establishment in the Czech Republic.

In 2009, the First Faculty of Medicine together with the General Teaching Hospital were again compelled to defend their presence in the centre of the capital. Repeatedly, attempts arose to violate the integrity of their unique and complex premises in the



Prof. MUDr. Tomáš Zima, DrSc., MBA

Dean of the First Faculty of Medicine of Charles University in Prague

city centre. The site is special not only for the *genius loci* but also for the high quality of health care, education and scientific research. Therefore we welcomed the willingness of the Ministry of Health, as announced at a press conference in the Faust House, to renovate the General Teaching Hospital at Charles Square, which is the basic workplace of the Faculty's scientists and students. I hope that the projects in the pipeline will start a new stage in development of the area for the coming generation, now getting familiar with the latest medical knowledge, and above all for the patients, seeking all-round medical care here. The General Teaching Hospital and the First Faculty of Medicine of Charles University, which is the largest medical school in the Czech Republic, make up a closely interconnected complex for health care, scientific research and medical education, significantly contributing to promotion of high standards of Czech health care system and medical research. This has been confirmed by the evaluation by the Government Council for Science and Research.

Another important event of 2009 was the change of management in the General Teaching Hospital, when Dr. Dana Jurásková was appointed the managing director and later – concurrently – the minister of health of the Czech Republic. I would like to thank Dr. Jan Bříza for his really dedicated work in the position of the managing director of the General Teaching Hospital in Prague, for his efforts to achieve the results that the hospital shows in the economic sphere and the best standing in the 4th annual national survey as the Best Hospital of 2009 in the general aspect, where satisfaction of patients, satisfaction of staff and financial health of the hospital were evaluated.

2009 was the year of the 20th anniversary of the Velvet Revolution and commemoration of the legacy of 17th November in Czech history. On the occasion of this important anniversary, the new book *Sit-in strikes 1968 and 1989* by Dr. Přemysl Hněvkovský was presented in a special ceremony at the Academic Club in the Faust House. The students' sit-in strikes at Czech colleges in 1968 and 1989, still underappreciated by historians, were presented in the book in authentic photographs. Also the concerts organized with the kind sponsorship of Zentiva, the joint stock company, were dedicated to this milestone of modern Czech history. The Medics' Humanitarian Club together with the Faculty managed to organize two concerts, the 9th and 10th within the cycle *Faculty in the heart of Karlov*, in churches in the Albertov and Karlov area, which were dedicated to the anniversary the events of 17th November 1989. In February 2009 a selection of Georg Friedrich Händel's work was performed in the church of Assumption and St. Charles the Great at Karlov, part of the New Town, and in November 2009 the famous *Requiem* by W. A. Mozart was presented in St. Stephen church.

An important event in the life of our Faculty was the joint edition of the unique book *The Coronation order of the Kings of Bohemia*, published by Charles University and its Faculty of Arts and Philosophy in co-operation with the Catholic Theological Faculty and the First Faculty of Medicine at the Togga publishing house. The special ceremony of presentation of the book, which took place at the Academic Club in the Faust House, was attended by the Archbishop of Prague and Primate of Czechia Cardinal Miloslav Vlk, the manager of the Office to the President of the Republic Dr. Jiří Weigl, the deans of the four charter faculties of Charles University, Senator Karel Schwarzenberg and other prominent guests.

In the past year the Faculty participated at a number of important presentations of universities and colleges of the country. We introduced the Faculty successfully at the 2009 Day of Science: About Science Simple and Interesting, which took place at the University of Economics in Prague on 27th November with participation of other universities and colleges of the Czech Republic. The aim of this large-scale inter-university event was to popularize scientific branches with students who would like to be in

science in future as well as with those considering undergraduate studies at the university level. Also the presentation of the Faculty at the Week of Science and Technology was a success. Striving for best co-operation with the authorities of the district Prague 2, the Faculty participated in several joint activities with them, including – apart from regular events at the New Town Hall – the Children's Day in the garden of the departments of Psychiatry and Neurology of the First Faculty of Medicine and General Teaching Hospital and some more events in the area of Karlov and Albertov as well as some other sites within the district.

Every year the Faculty meets an increasing interest from the media in activities within the school and General Teaching Hospital as well as a still increasing interest in co-operation and information exchange. Through our activities we managed to establish a constant circle of co-operators from daily papers, journals, television and radio. Together with the press department of the General Teaching Hospital we organized regular meetings with journalists to deal with a wide scope of medical disciplines and a fair number of problems of modern medicine. In 2009 we managed to organize twenty press conferences dealing with topical problems, which received quite a vivid response in the media.

In 2009 the eight volume of interviews "Chair for Faust" was published. This time 13 prominent personalities of Czech and world science and some other famous people who are special to the Faculty accepted the invitation to be interviewed. These included Professor Oldřich Eliška, Professor Aleš Linhart, Professor Zdeněk Krška, Professor Karel Pacák, Professor Karel Šonka, Associate Professor Berta Ottová, laureate of 2008 Czech Head award and Bolzano Prize Dr. Alena Čížková, Dr. František Stejskal, Dr. Michal Dudek, Minister of Health of the Czech Republic Dr. Dana Jurásková, artist Mrs. Emma Srncová, popular Czech actor, compère, composer and singer Mr. Marek Eben, or Mgr. Tomáš Halík, the professor of the Faculty of Arts and philosophy and priest of the academic parish at St. Salvator. The edition was sponsored by Novartis, joint stock company, and Galén publishing house. It pleases me that our Faculty and General Teaching Hospital have their fans not only among the representatives of the medical profession but also among outstanding personalities from other spheres of our life, and they are still growing in number.

Again, preparations and negotiations continued about the project of Albertov Campus, in which our Faculty takes part with the Faculty of Mathematics and Physics and Faculty of Science. Together with some establishments of the Academy of Sciences of the Czech Republic the Faculty took part in the BIOCEV project.

In the sphere of education I would like to mention one important change, the accreditation of the follow-up Master degree programme in Addictology. Also the new elective subjects, linking theoretical and clinical medicine, and core subjects met a great interest. Our academic community, particularly students and teachers, still more make use of modern study resources, such as e-learning supports and new Wiki-textbooks and the MEFANET web, which was initiated, among others, by the First Faculty of Medicine and Professor Stanislav Štípek with his team in particular, and by the Medical Faculty of Masaryk University in Brno. Interest in the new way of teaching was shown by other Czech and Slovak medical faculties as well. In the sphere of education the teachers of the First Faculty of Medicine of Charles University closely co-operate with a number of faculties of our University as well as with the Czech Technical University, Institute of Chemical Technology and many other universities and colleges.

Our Faculty offers its students with a widest choice of international stays and fellowships within the LLP/ERASMUS programme, Mobility Fund of Charles University, Ceepus scheme, inter-university exchange, individual fellowships at the First Faculty of Medicine, stays organized by IFMSA, fellowships organized in co-operation with the Austrian Lions Club Wien, etc. Long-term program-

mes as well as once-only events of exchange in 2009 were on the basis of international co-operation of the University, Faculty and its particular institutes and departments. The Faculty co-operates with schools of higher education and scientific institutions in 23 countries of four continents.

In 2009 again, the Faculty performed research within 214 grant projects of the Grant Agency of Charles University, Grant Agency of the Czech Republic, Internal Grant Agency of the Ministry of Health of the Czech Republic, and others. Five projects were implemented within the National Programme of Research II. As a co-operator, the Faculty has been involved in 13 projects in the 6th and 7th Framework Programmes of the European Union. Further, the Faculty participates in implementation of Fund of Development of Schools of Higher Education projects, development projects and operational programmes.

With success, the following research concepts were in progress:

- (1) Prof. Milan Elleder – Molecular biology and pathology of the cell in normal state and in selected clinically important pathologic processes;
- (2) Prof. Jan Škrha – Metabolic, endocrine and genetic aspects of prevention, diagnosis and therapy of cardiovascular, cerebrovascular and renovascular conditions;
- (3) Prof. Pavel Klener – Molecular biological, genetic and epigenetic aspects of origination and development of model tumors of the adult age: Importance for epidemiology, early diagnosis and treatment;
- (4) Prof. Evžen Růžička – Neuropsychiatric aspects of neurodegenerative conditions.

Further, the following Faculty staff members participate in some other research concepts:

- (1) Assoc. Prof. Aleš Žák – Use of experimental and clinical models of metabolic processes, nutrition and pharmacology for development of knowledge, clinical practice and improvement of the quality of life;
- (2) Prof. Michael Aschermann – Invasive approaches to save or regenerate the myocardium;
- (3) Prof. Martin Haluzík – Prevention, diagnosis and therapy of diabetes mellitus, metabolic and endocrine impairments of the organism;
- (4) Assoc. Prof. Dana Marešová – Pathophysiology of neuromental diseases and its clinical applications;
- (5) Dr. Zuzana Zemanová – Molecular bases of children's neoplastic conditions and therapeutic applications;
- (6) Assoc. Prof. Ivan Šterzl – Chronic diseases due to inappropriate reactivity of the immunity system, their pathogenesis, and possibilities of early diagnosis and treatment.

In 2009 the Scientific Board of the First Faculty of Medicine performed 9 procedures for appointment to professor posts and 13 habilitation procedures for associate professor posts, while one procedure was suspended by the Board.

The Faculty possesses accreditations for habilitation procedures and procedures for appointment to professor posts in 33 fields. Proposals for accreditation of Anaesthesiology and Resuscitation, Rehabilitation Medicine and History of Medicine as new habilitation fields were submitted to the Scientific Board of the Faculty for approval. The Faculty possesses accreditations for 19 doctoral programmes, and 64 postgraduate students successfully defended their theses in 2009.

To the proposal by the First Faculty of Medicine, two honorary doctorates in medical sciences were awarded on 12th October 2009: to Professor William Charles Earnshaw, Ph.D., FRSE, for his lifelong work in learning the structure of chromosomes and mechanisms involved in mitosis as well as for his support of Czech science and university education, and to Professor Meinhard Clasen for, his lifelong pioneering work in the field of gastroenterolo-

gy and gastroenterological oncology, discovery of fundamental endoscopic techniques and outstanding contribution to introduction of whole-population screening programmes of tumoral diseases worldwide.

The Scientific Board of the First Faculty of Medicine passed the proposal to award a honorary doctorate in medical sciences to Prof. Patrick Anthony Riley M.B., B.S., Ph.D., D.Sc., F.R.C.Path., C. Biol., F.S.Biol., for his lifelong scientific work in the field of chemical, biochemical and biological research into pigment cells, melanosomes and melanogenesis well as for his support of Czech science and university education.

In 2009 the Faculty was the editor of the bimonthly *Folia Biologica*, the quarterly *Prague Medical Report* and the irregular series *Acta Universitatis Carolinae – Medica*.

The policy of free access to the articles in *Folia Biologica* from the PubMed data basis and the possibility of sending in the texts in electronic form proved to be a great asset and led to a considerable increase in the number of texts from 99 in 2008 to 124 in 2009 as well as to the dramatic increase of the impact factor from 0.596 up to 1.14 respectively. The factor I find positive above all is the improvement in scientific quality of the texts. This suggests that the reputation of the journal in the international scientific community is still growing.

I am happy that the annual Student Scientific Conferences held at the Faculty have proved worthy for the prospective teachers and scientists as their first chance to test their presentations in professional public. I am convinced that this experience is priceless for their future career. 2009 saw already the 10th Student Scientific Conference at the First Faculty of Medicine, and the collection of presentations, which were 80 in total, was published. Fifteen presentations won awards, and three were selected to be awarded special prizes. The conference was generously sponsored by *Medical Tribune*, Galén publishing house, foundation of the General Teaching Hospital, *Zdravotnické noviny* weekly and Grada Publishing corporation.

The staff of the First Faculty of Medicine organized a great number of professional events again, including more than a hundred national and international conferences and workshops. Some of the most important events were the 3rd Haemophiliac Day with special international guests; EFTET – European Task Force for sparing Expertise in Thrombosis, held in Seville, Spain; the 1st International Symposium on HIPEC; the 7th International Multidisciplinary Conference on Food Intake Disturbances and Obesity, focused on the topic *Professional approach and ethics: Stigma and media*, under the auspices of Ms Jurásková, the Minister of Health; the 9th International Symposium on History of Medicine, Pharmacy and Veterinary Medicine, held on the occasion of C. R. Darwin's 200th birthday and anniversaries of new universities; the 14th Professor Stašek Days – a conference attended by international guests, under the auspices of the Dean of the First Faculty of Medicine of Charles University and the Lord mayor of Prague; the 13th Young Pneumologists' Day; the 7th Czecho-Slovak Congress of Otorhinolaryngology; the Czecho-Slovak Symposium of medical, hypertensiologic and cardiologic societies of the Czech Republic and the Slovak Republic; the International Workshop of Endoscopy; and many other.

On the occasion of personal jubilees, conclusions of the terms in office and retirements, or on the occasion of international conferences attended by specialists linked with our faculty, sixteen Memorial Medals of the First Faculty of Medicine of Charles University and fourteen Faculty diplomas of honour were awarded. The Memorial Medals were awarded to the following: Prof. Jiří Bártek, Assoc. Prof. Jiří Bauer, Assoc. Prof. Petr Brandežský, Dr. Jan Bříza, Prof. Přemysl Frič, Prof. Dr. Herrman Harald, Ph.D., Medical Faculty of Comenius University in Bratislava, Assoc. Prof. Dana Lincová, Prof. Karel Pavelka, Prof. Gerard London, Prof. Zde-

něk Mařatka, Prof. Jiří Štork, Prof. Jan Škrha, Prof. Jiří Tichý, Prof. Jiří Vaněk, and Prof. Dr. Werner Wilhelm Franke, Ph.D.

The Faculty diplomas of honour were awarded to Mrs Alexandra Graber, the wife of the Ambassador of the United States of America, to Assoc. Prof. Hana Brichová, Assoc. Prof. Jan Dostálík, Prof. Sylvie Dusilová-Sulková, Prof. Zdeněk Halata, Prof. Václav Hořejší, Assoc. Prof. Hana Houštková, Assoc. Prof. Miloslav Hroboň, Assoc. Prof. Bohdana Kalvodová, Assoc. Prof. Měšťák, Assoc. Prof. Ivo Paclt, Assoc. Prof. Antonín Pařízek, Mr. Pavel Rutar and Dr. Bohuslava Trnková.

To the proposal by the management of the First Faculty of Medicine, Professor Václav Hampl, the Rector of Charles University, honoured Professor Jaroslav Masopust with the Gold Memorial Medal of Charles University, and Professor Jan Betka with the Silver Memorial Medal on the occasion of their important personal jubilees and in acknowledgement of their contribution to development of the University.

On 24th June 2009, the Purkinje Prize, the highest award of the presidium of the Czech J. E. Purkinje Medical Association for the fellows, was conferred in the Saturnus Hall at the castle of Libochovice at presence of Association fellows from Ústí nad Labem. This year the chairman of the Czech J. E. Purkinje Medical Association Prof. Jaroslav Blahoš, an outstanding specialist in the field of neurology, handed the award to Prof. Jiří Tichý, the emeritus Head of the Department of Neurology of the Faculty and the first Dean of the First Faculty of Medicine after the Velvet Revolution.

Alas, in 2008 our academic community, friends and colleagues had to farewell several outstanding physicians and teachers. Among those who left our academic community forever were Prof. Vincent Bak, Ass. Prof. Karel Korbělář, Assoc. Prof. Věra Fraňková, Dr. Jan Tábořský, Assoc. Prof. Olga Mrázková, Prof. Jan Mečíř, and Prof. Jiří Duchoň.

In the respect of economy, the year 2009 came out well for the Faculty but now, at the beginning of 2010, we are facing some uncertainty about how much finance the Faculty may obtain for the programmes of education and how much will be available for its development. We will attempt to obtain funds to support the scientific projects from other sources and are negotiating with some potential contacts at the moment. The main priority of

2010 is preparation of a new, updated curriculum of General Medicine. Discussion of the possible changes and updating has already started.

2009 was also the year of fundamental renovation of the premises at 32 Kateřinská, which should be completed in 2010. So far laboratories have been refurbished and the renovation of the Institute of Medical Biochemistry of the First Faculty of Medicine finished. Of other capital investments I would like to mention the renovation of the microscopy hall and seminary rooms in the Purkinje Building at Albertov. The construction works will be continued in 2010, when the planned structure should be finished. Renovation of the microscopy hall will improve the standard of performance and equipment, including the new air-conditioning. At 4 Studničkova, construction works to adapt the laboratories in the basement were started in 2009, and at 3 U Nemocnice the work has been in progress to adapt the yard and install an outdoor lift. These constructions will continue in 2010. During the year the air-conditioning and containment will be completed and put into service in dissecting rooms and laboratories. I believe that the training facilities will be refurbished in such a way so that they will meet all recent requirements of university education. Again, however, it will depend on the budget facilities of the First Faculty of Medicine and Charles University. The impact of the economic depression will unambiguously affect the economy of both the Faculty and General Teaching Hospital, and we will have to consider our finance very carefully.

In 2009 we celebrated the anniversaries of the November events of 1939 and 1989; the two dates are connected with individual gallantry and pursuit for revival of humanistic and democratic ideals. 2010 is a year of several elections; then let us to elect such representatives who will promote the ideals of freedom, justice and democracy.

Thank you all, my colleagues – teachers, scientists, students and staff of the First Faculty of Medicine of Charles University, for your demanding work and intensive work done in 2009, as well as to all the friends, supporters and patrons of our faculty for their friendship and support. We are going to continue the direction adopted to redevelop our beautiful Faculty and to materialize our vision of the Faculty as one that is top-level, friendly and open.

*Prof. MUDr. Tomáš Zima, DrSc., MBA
Dean of the Faculty*

ACADEMIC SENATE

In 2009 the Senate held seven regular sessions, which took place on 16th February, 16th March, 20th April, 11th May, 8th June, 12th October and 7th December. In mid-2009, two student members of the Senate, Jonathan Menon and Kamal Mezian, lost the seats due to graduation from the Faculty, and they were replaced by the substitutes, MUDr. Štěpánka Bálková and MUDr. Štěpán Sulek.

In its sessions the Academic Senate dealt both with the issues of legislation and the problems connected with the everyday function of the Faculty.

During the year it discussed the alterations of the internal regulation *Rules for Organization of Studies at the First Faculty of Medicine*. In the credit point system of education, this change brought about the reduction of sections of study in the first year from two to one. In the sphere of education, the members of the Academic Senate expressed their opinions on the proposal by the Faculty management, concerning accreditation of the new doctoral study programme in Bioethics. At the October session the Dean of the Faculty introduced the concept of development of non-medical study programmes, which was long expected with keen interest.

In the economic sphere, the Senate dealt with the budget of the Faculty. At the proposal by the Faculty management the budget of the Faculty for the current year was adopted as a balanced one. The agenda also included the issue of bursaries for outstanding progress in studies. Considering the economic situa-

tion of the Faculty the senators expressed a positive attitude towards the Dean's Order that did not involve any increase of the funds for bursaries but rather preserved the same level as in the past year. Economic problems were involved in the discussion on the Faculty's energy strategy. The Senate had asked the management to draft this strategy, considering the presumed further rise in prices of energy and costs that the Faculty would have to pay for in future.

In the sessions, representatives of students' organizations that are active at the Faculty took floor as well. Thus the leaders of the Faculty sections of IFMSA and the Union of Czech Medical Students informed the Academic Senate of their activities.

Apart from the routine agenda, the Senate had to respond to situations resulting from the political life in 2009. The paragraphs of the government bills presuming the investment freeze in the General Teaching Hospital in the spring of 2009 led to an immediate response from the Faculty management and Senate. The Academic Senate made a declaration to reject any groundless steps of politicians that would lead to gradual shutdown of our hospital. Following the reactions of the management, Senate and the media, the controversial subject matter of the bills was generally queried and the public was assured by representatives of the Ministry of Health and municipal authorities of the city of Prague that development of the General Teaching Hospital would be further supported.



MUDr. Bc. Marek Hilšer

Chairman of the Academic Senate of the First Faculty of Medicine of Charles University of Prague

In the autumn the Senate responded to the new amendment of regulations concerning the common stems as defined by the postgraduate training schemes for doctors. Members of the Senate commented on possible impacts of the new regulations for some medical specialties, and expressed serious concern about the possible prospective development. Basing on the discussion the Academic Senate charged the Dean with negotiations to initi-

ate the change in the said regulations so that the general foundation part of some common stems could be shortened from two years to one year.

To conclude, let me express my thanks to all members of the Academic Senate as well as the other members of the academic community for their good contribution to the life of our Faculty and wish them a lot of success in professional and personal life in 2010.

*MUDr. Bc. Marek Hilšer
Chairman of the Academic Senate
of the First Faculty of Medicine of Charles University in Prague*



On 14th October 2009 the building at 4 U Nemocnice, now serving to the Institute of Scientific Information and Institute for History of Medicine and Foreign Languages, was opened after renovation in a special ceremony.



At the opening ceremony in the renovated building at 4 U Nemocnice, the following were present (from the left): Prof. Stanislav Štech, the Pro-rector of Charles University; Ms Miroslava Kopicová, the Minister of Education, Youth and Physical culture of the Czech Republic; Dr. Pavel Bém, the Lord Mayor of the Capital City of Prague; and Prof. Tomáš Zima, the Dean of the First Faculty of Medicine.



The resource room in the renovated building at 4 U Nemocnice.

MANAGING DIRECTOR OF THE GENERAL TEACHING HOSPITAL



ACTING DIRECTOR OF THE GENERAL TEACHING HOSPITAL

Dear partners, teachers, students and supporters of the First Faculty of Medicine of Charles University, dear colleagues,

The rapid march of time offers us another opportunity to look back after the past year and think about the course of the current year. In 2010 the First Faculty of Medicine of Charles University and the General Teaching Hospital in Prague start the 220th year of their co-operation. On 1st December 1790, the first building of the General Hospital in Prague was open as a facility for patients from the whole province. From its very beginning the hospital served as a training base for the Medical Faculty of the University – whose name was “Charles-and-Ferdinand University” at that time. This long-standing co-operation left a great impression on the two establishments and ever since has had beneficial effects on both the school and hospital.

In 2009, Dr. Dana Jurásková came in place of Dr. Jan Bříza as the managing director, and eventually, as she was appointed the Minister of Health in May, put Dr. Bříza in charge of the management as the acting director of the General Teaching Hospital in Prague.

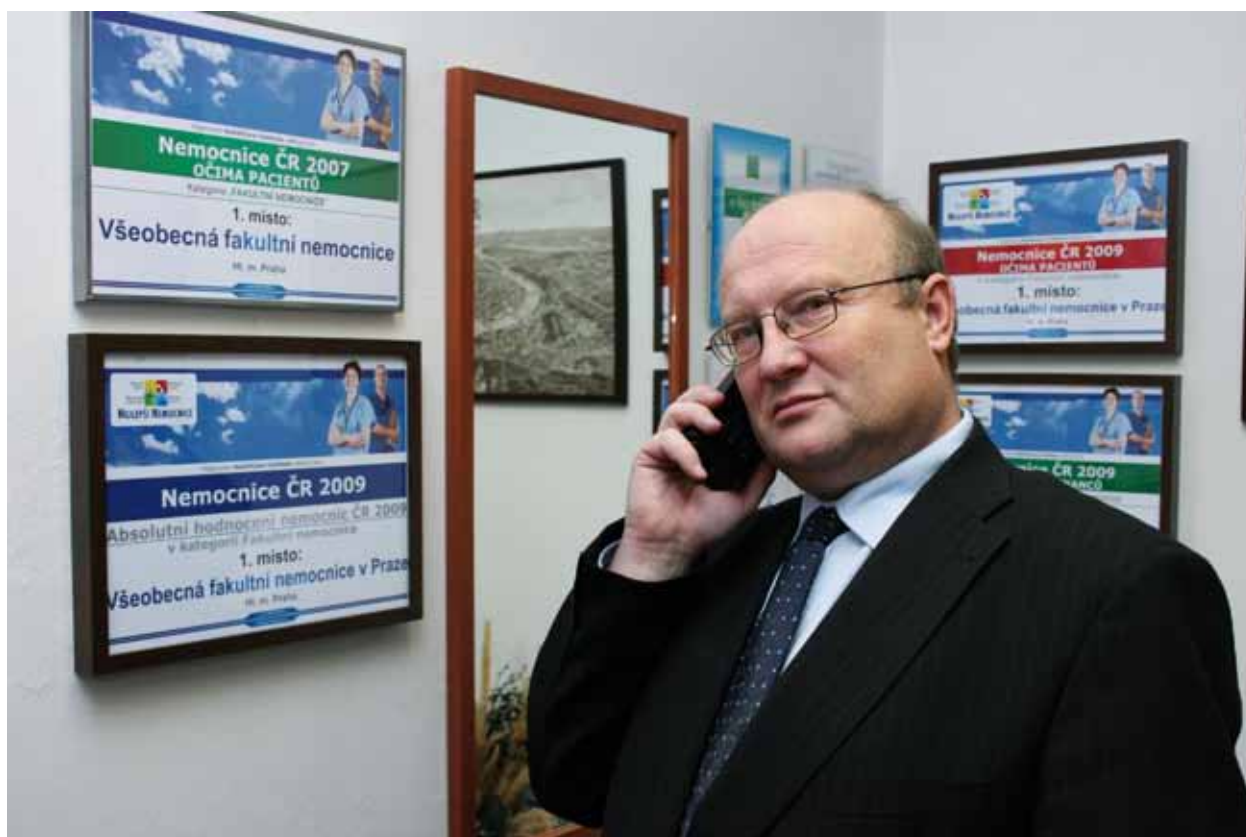
In 2009 the whole economy of the Czech Republic and European Union experienced the difficult time of depression, which came delayed in the sphere of health care as the services are financed from the health insurance. For this reason the General Teaching Hospital was not affected to that extent as most branches of economy were in 2009. The full impact will come in 2010, and

most probably in the next years as well. In 2009 we had to cope with adjustments of salaries which were ordered directly by the Government for the whole country. In general the economic balance of the Hospital came out positive, amounting to CZK 10,404,247 with the turnover at 6,902,404,997 Czech crowns.

Since the beginning of 2009 we have experienced a difficult situation due to the fire which happened at the ward of the Department of Dentistry on 30th December 2008. During the past year we were trying to solve the problem. The reconstruction of the ICU, operating theatres and ward on the first floor was completed. Now we are still about to reconstruct the ground floor of the building. Although it was not afflicted by the fire it still poses an imperative for 2010, especially when compared to the reconstructed parts of the clinical department.

In February 2009 we held the ceremony of opening the renovated part of the 1st Surgical Department, including the operating theatres and ICU, with representatives of the Ministry of Health as special guests. This part fully meets the recent word standards of requirements concerning modern surgery and intensive care, including clinical teaching and postgraduate training. Subsequently another ward of the clinical department was renovated. In 2010 we are about to adapt another department and out-patient facilities.

We continued the reconstruction work at the Faculty Polyclinic as well. Continuously with the repair at the Dean's Office of the First Faculty of Medicine and renovation of the facilities for theoretical and clinical teaching at the Department of Dentistry in the



MUDr. Jan Bříza, CS., MBA

Acting Director of the General Teaching Hospital in Prague

same building, we managed to finish the necessary adaptations so that the Research Institute of Stomatology of the First Faculty of Medicine and General Teaching Hospital can be moved in from the rented premises at the Maceška Palace. In May the Institute, including its clinical part, teaching facilities and research laboratories, started operation in the rooms on the 5th and 6th floor of the Faculty Polyclinic. In 2010 we are going to continue the adaptation of the Faculty Polyclinic, although at a slower rate.

In diagnosis and treatment the Hospital achieved its traditional results, acknowledged by the first place in the category of teaching hospitals in the HCI survey, not only in the total standing but also in the satisfaction of the staff and – above all – satisfaction of the patients, which is who we are here for. We managed to defend the status of the Comprehensive Oncological Centre (Comprehensive Oncological Centre of the Bulovka Teaching in co-operation with Hospital General Teaching Hospital and Thomayer Teaching Hospital), the Comprehensive Cardiovascular Centre and also the Comprehensive Haemato-oncological Centre in collaboration with the Institute of Haematology and Blood Transfusion. Thanks to the system of funding for highly specialized care the respective centres of the Hospital managed to give the care at the high level of quality.

Financing of Integrated Operation Programmes brought in new technology to the Hospital, such as a CT stimulator and planner, a brachytherapeutic irradiation device and an NMR imaging appliance.

In the Hospital, the project was carried on within the ESF programme. Under the Operating programme Prague – Adaptability the following projects were implemented: St. Catherine Garden –

protected workplace and integrating centre in the General Teaching Hospital, and Educative Academy – development and innovation of the system of further professional education in the General Teaching Hospital in Prague.

Another project implemented in the General Teaching Hospital, financed from the Norwegian financial scheme, the budget of the Ministry of Health and the budget of the Hospital, is construction of the Centre of Comprehensive Care for children with perinatal stress.

In the sphere of science and research, co-operation in implementation of a great number of grant projects continued, shared with the First Faculty of Medicine of Charles University or specifically allotted to the General Teaching Hospital. Also co-operation in other health care establishments, hospitals as well as institutes of the Academy of Sciences of the Czech Republic continued. The results of 2009 again proved the leading position of the First Faculty of Medicine and General Teaching Hospital in the sphere of biomedical research in the Czech Republic.

Together with the First Faculty of Medicine of Charles University we continued improving the environment for teaching at clinical institutions, including access to the Wi-Fi network that covers the area of the Hospital and Faculty not just for the purpose of everyday operation of the hospital but also for the students' access to the internet, library and other data bases.

In the past year we succeeded in many things in the General Teaching Hospital. Let us wish that in 2010 (in spite of the much feared economic depression) we may manage to renovate more of our premises and do more improvements for our patients, staff and students. Let us hope that even in the worsened economic situation it will be a successful year.

MUDr. Jan Bříza, CSc., MBA

Acting Director of the General Teaching Hospital in Prague



The computer room in the renovated building at 4 U Nemocnice.



The vestibule of the building at 4 U Nemocnice.



On 20th May 2009, Professor Solomon Halbert Snyder, M.D., was – to the proposal by the First Faculty of Medicine – awarded the Honorary Doctor degree of Charles University.

MANAGEMENT



FIRST FACULTY OF MEDICINE – MANAGEMENT

Dean: prof. MUDr. Tomáš Zima, DrSc., MBA

DEAN'S OFFICE BOARD

Vice-Deans:

prof. MUDr. Jana Dušková, DrSc., MBA
 Vice-Dean for Education and Stomatology / Dentistry
 prof. MUDr. Tomáš Hanuš, DrSc.
 Vice-Dean for Clinical Education and Postgraduate Studies
 prof. MUDr. Otomar Kittnar, CSc., MBA
 Vice-Dean for International Students and Social Affairs
 prof. MUDr. Aleš Linhart, DrSc.
 Vice-Dean for Outward Relations
 doc. PhDr. Michal Mioviský, Ph.D.
 Vice-Dean for Non-Medical Study Programmes
 prof. MUDr. Aleksi Šedo, DrSc.
 Vice-Dean for Grant Projects and Development of the Faculty
 doc. MUDr. Martin Vokurka, CSc.
 Vice-Dean for Theoretical and Pre-Clinical Education
 prof. MUDr. Aleš Žák, DrSc.
 Vice-Dean for Scientific Activities

Members of Dean's Office Board

doc. MUDr. Petr Bartůněk, CSc.
 prof. MUDr. Jan Betka, DrSc.
 MUDr. Jan Bříza, CSc., MBA, from 1 May 2006 to 8 Feb 2009 the Managing Director of the General Teaching Hospital, since 8 May 2009 the Acting Director for Ms Dana Jurásková
 Mgr. Dana Jurásková, Ph.D., MBA, from 9 Feb 2009 to 7 May 2009 the Managing Director of the General Teaching Hospital
 MUDr. Bc. Marek Hilšer
 prof. MUDr. Alois Martan, DrSc.
 prof. MUDr. Jiří Mazánek, DrSc.
 prof. MUDr. Karel Smetana, DrSc.
 Ing. Eva Soubustová, MBA
 prof. MUDr. Jan Škrha, DrSc., MBA
 prof. MUDr. Stanislav Štípek, DrSc.

COMPOSITION OF THE ACADEMIC SENATE

Chairman: MUDr. Marek Hilšer
 Vice-Chairman: prof. MUDr. Přemysl Strejc, DrSc.

Teachers' representatives:

doc. MUDr. Petr Bartůněk, CSc.
 prof. MUDr. Jan Borovanský, CSc.
 prof. MUDr. Petr Broulík, DrSc.
 MUDr. Jan Bříza, CSc., MBA
 prof. MUDr. Richard Česka, CSc.
 doc. MUDr. Eva Havrdová, CSc.
 MUDr. Martin Holcát, CSc., MBA
 doc. MUDr. Zdeněk Krška, CSc.
 prof. MUDr. Alois Martan, DrSc.
 doc. MUDr. Ivan Matouš-Malbohan, CSc.
 prof. MUDr. Pavel Pafko, DrSc.
 prof. MUDr. Přemysl Strejc, DrSc.
 MUDr. Tomislav Švestka, CSc.

prof. MUDr. Jiří Tichý, DrSc.
 doc. MUDr. Marek Trněný, CSc.

Students' representatives:

Jakub Albrecht
 MUDr. Štěpánka Bálková (since 12 Oct 2009)
 prof. MUDr. RNDr. Jiří Beneš, CSc.
 MUDr. Jan Bruthans
 Eliška Feltlová
 MUDr. Bc. Marek Hilšer
 Suzanna Hutt
 Jakub Chmelo
 MUDr. Martin Klein
 MUDr. Aneta Krajčová (since 16 Mar 2009)
 Jonathan Menon (until 12 Oct 2009)
 Kamál Mezian (until 12 Oct 2009)
 Oliver Nosek
 Michaela Romerová
 Pavel Rutar
 MUDr. Štěpán Sulek (since 12 Oct 2009)
 MUDr. Pavel Šnajdr
 Pavlína Zborníková (until 16 Mar 2009)

SCIENTIFIC BOARD

Chairman: prof. MUDr. Tomáš Zima, DrSc., MBA

prof. MUDr. Vladimír Bencko, DrSc.
 prof. MUDr. Vladimír Beneš, DrSc.
 prof. MUDr. Jan Betka, DrSc.
 prof. MUDr. Jan Daneš, CSc.
 prof. MUDr. Pavel Dungal, DrSc.
 prof. MUDr. Jana Dušková, DrSc., MBA
 prof. MUDr. Jan Dvořáček, DrSc.
 prof. Ing. Jan Evangelista Dyr, DrSc.
 doc. MUDr. Jaroslav Feyereisl, CSc.
 prof. MUDr. Miloš Grim, DrSc.
 doc. MUDr. Petr Hach, CSc.
 prof. MUDr. Zdeněk Hájek, DrSc.
 prof. MUDr. Tomáš Hanuš, DrSc.
 prof. MUDr. Jiří Homolka, DrSc.
 prof. MUDr. Otomar Kittnar, CSc., MBA
 prof. MUDr. Pavel Klener, DrSc.
 prof. MUDr. Jiří Mazánek, DrSc.
 prof. MUDr. Emanuel Nečas, DrSc.
 prof. MUDr. Soňa Nevšímalová, DrSc.
 prof. MUDr. Karel Pavelka, DrSc.
 prof. MUDr. Daniela Pelclová, CSc.
 prof. MUDr. František Perlík, DrSc.
 prof. MUDr. Luboš Petruželka, CSc.
 prof. MUDr. Ctibor Povýšil, DrSc.
 prof. MUDr. Jiří Raboch, DrSc.
 prof. MUDr. Evžen Růžicka, DrSc.
 prof. PhDr. Milada Říhová, CSc.
 prof. MUDr. Antonín Sosna, DrSc.
 prof. MUDr. Štěpán Svačina, DrSc., MBA
 prof. MUDr. Stanislav Štípek, DrSc.
 prof. MUDr. Jiří Štork, CSc.

doc. MUDr. Jan Šváb, CSc.
 prof. MUDr. Vladimír Tesař, DrSc., MBA
 prof. MUDr. Jiří Zeman, DrSc.
 prof. MUDr. Aleš Žák, DrSc.

External members of the Scientific Board

MUDr. Pavel Bém
 RNDr. Martin Bilej, DrSc.
 plk. MUDr. Štefan Brunclík, MBA
 prof. MUDr. Evžen Čech, DrSc.
 doc. MUDr. Vojtěch Hainer, CSc.
 prof. RNDr. Helena Illnerová, DrSc.
 prof. RNDr. Milan Kodíček, CSc.
 prof. Ing. Svatava Konvičková, CSc.
 doc. MUDr. Jan Malý, CSc.
 RNDr. Šárka Němečková, DrSc.
 doc. MUDr. Josef Podstata, DrSc.
 prof. Ing. Rudolf Poledne, CSc.
 prof. Ing. Miloslav Suchánek, CSc.

prof. MUDr. Josef Syka, DrSc.
 prof. Ing. Karel Ulbrich, DrSc.
 doc. MUDr. Jan Veverka, CSc.
 prof. Ing. Jiří Witzany, DrSc.

Foreign honorary members of the Scientific Board

Eugene Garfield, Ph.D.
 prof. Dr. Josef Kadlec, S.J.
 prof. Dr. Jan Klášterský
 MUDr. Tomáš Klíma, CSc.
 prof. Dr. Gérard Michel London
 prof. Dr. Jiří Městecký
 prof. Dr. Přemysl Poňka
 prof. Dr. Josef T. Prchal
 prof. Dr. Alexandr Schirger
 prof. Dr. Emil Skamene
 prof. MUDr. Adolf Stafel, Ph.D.
 prof. Dr. Pavel Hammet



The ceremony of presentation of the book Central nervous system: structure and function by Prof. Peter Brodal (middle) from the University of Oslo, published by Osveta, held at the Academic Club of the First Faculty of Medicine in the Faust House on 7th October 2009. The Slovak and Czech translation was prepared by the staff of the institutes of anatomy and physiology at the Comenius University in Bratislava and Charles University in Prague.



The annual meeting of the Faculty management with the Heads of the institutes and departments before Christmas was – traditionally – held at the New Town City Hall.



Although the weather did not favour the Student picnic in the garden of the Department of Neurology and Department of Psychiatry, it did not spoil the mood.

ORGANIZATIONAL CHANGES



ORGANIZATIONAL CHANGES AND COMPOSITION OF THE STAFF

Development of the number of the academic staff in 2009 (actual and converted to full-time positions) is documented in the chart and diagrams. A favourable trend is obvious both in qualifications and ages. In several organization units of the Faculty there have been changes at the posts of the Heads, based on regular competition.

Of extensive renovations, at least those of the Dean's Office buildings at 32 Kateřinská and 3 Na Bojišti, and of the building at 4 U Nemocnice should be mentioned, where new stages of redevelopment were completed. The buildings were equipped to meet the requirements of modern teaching and scientific research. Meanwhile the work was carried on to prepare the necessary documentation for renovation of other premises of the Faculty, which is intended for the period 2009-2015.

Further endeavour of the Faculty was therefore focused on planning and implementation of minor adaptations and renovations in particular buildings of the Faculty, which include, for example, redevelopment of the Addictology Centre with the aim of introduction of new training programmes and the new premises of the Institute of General Medicine. Other developments done were renovations at particular clinical departments, renovations of lecture halls, refurbishments of research and training laboratories etc.

Throughout the year 2009, intensive preparations of the project for the Albertov campus were carried on in co-operation with the Faculty of Natural Science and Faculty of Mathematics and Physics. The environmental assessment has been done and now, in co-operation with the Rector's Office of Charles University, analysis of funding possibilities for the project is being done, technical documentation prepared, scientific definition of the project performed, details of right in property resolved etc. Considering the definition of use of European Funds in the city of Prague, it is necessary to seek for additional sources of finance, which however is difficult due to the problems about the general policy of financing science in the Czech Republic.

The First Faculty of Medicine, together with the Faculty of Natural Science of Charles University and six institutes of Academy of Sciences of the Czech Republic, takes part in preparation of the extensive project for the Vestec Biotechnological Centre – BIOCEV. The goal of our participation in the project, included in the EC programme Research and Development for Innovation – the axis European Centres of Excellence, is to create the technological base that will be necessary for top-level science as performed by the teams of researchers from the First Faculty of Medicine of Charles University.

Prof. MUDr. Aleksi Šedo, DrSc.

Vice-Dean for Grant Projects and Development of the Faculty

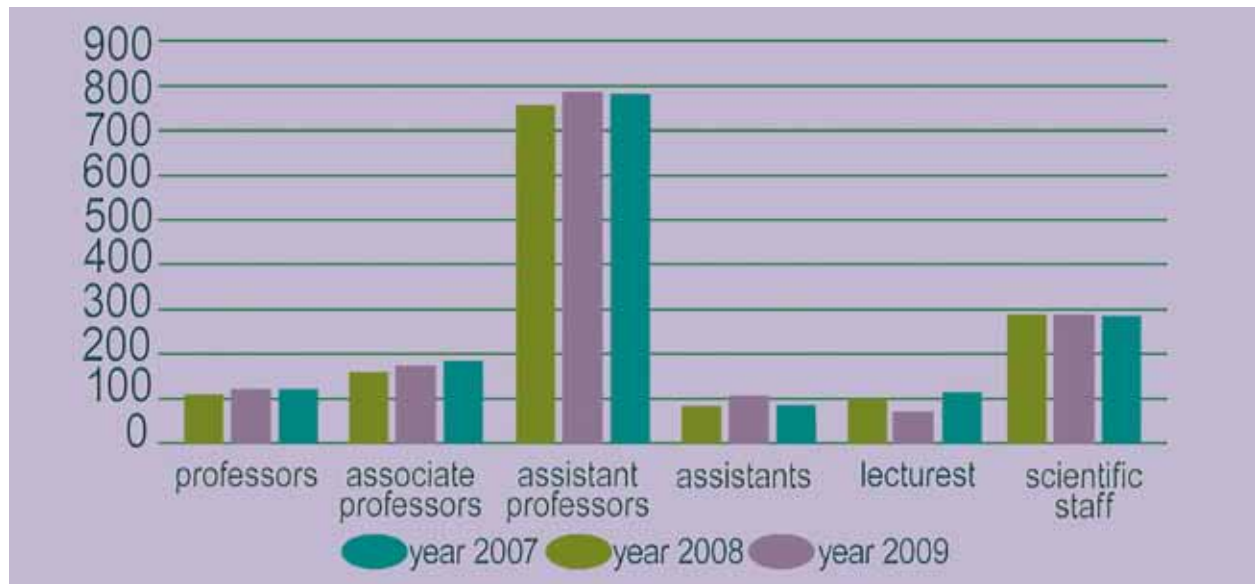
Survey of changes in the Heads posts in organization units in 2009

Organization unit	New Head
1st Surgical Department - Clinic of Abdominal, Chest and Casualty Surgery	Prof. MUDr. Zdeněk Krška, CSc.
Institute of Inherited Metabolic Disorders	Assoc. Prof. MUDr. Viktor Kožich, CSc.
2nd Surgical Department - Clinic of Cardiovascular Surgery	Assoc. Prof. MUDr. Jaroslav Lindner, CSc. - provisional Head of the Department
Institute of Clinical and Experimental Haematology	Prof. MUDr. Marek Trněný, CSc.
Institute of Immunology and Microbiology	Prof. RNDr. Libuše Kolářová, CSc.
Institute of Hygiene and Epidemiology	Assoc. Prof. MUDr. Milan Tuček, CSc.
Department of Urology	Prof. MUDr. Tomáš Hanuš, DrSc.

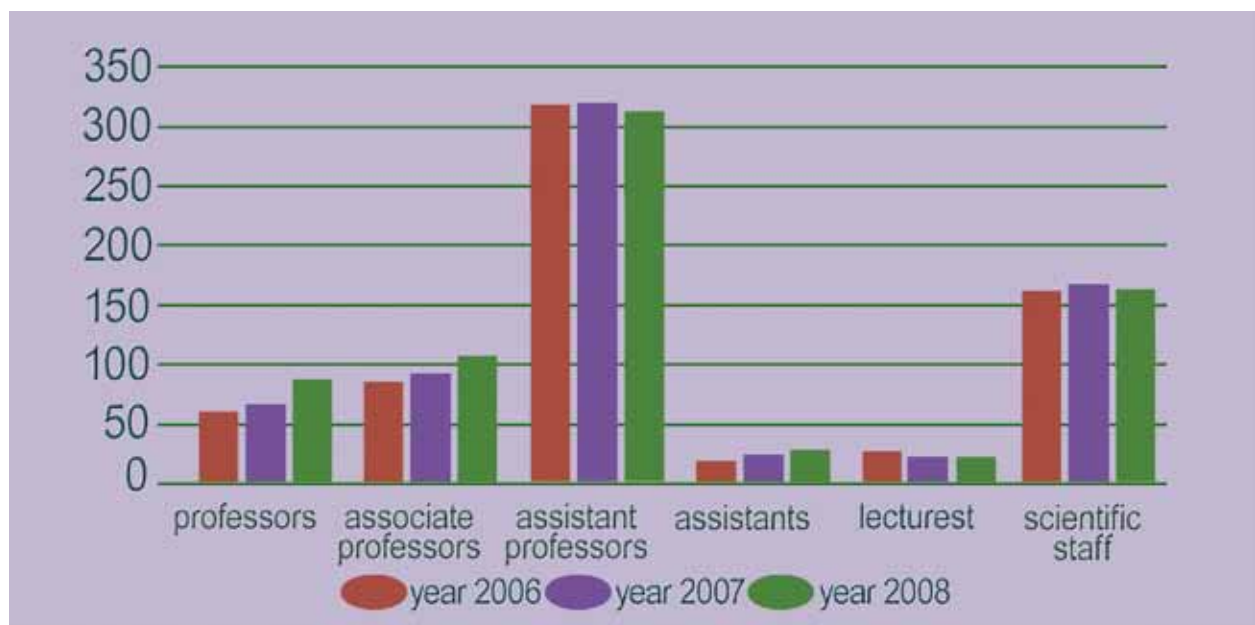
Number of scientific and educational staff between 2007 and 2009

	2007		2008		2009	
	actual number of staff	average converted full-time positions	actual number of staff	average converted full-time positions	actual number of staff	average converted full-time positions
total	1,451	0	1,515	0	1,552	0
professors	113	79.148	120	82.502	124	87.298
associate professors	152	101.656	163	103.608	169	108.758
assistant professors	740	315.437	775	318.678	763	312.469
assistants	73	23.738	98	29.165	106	31.648
lecturers	93	29.515	75	26.895	111	27.663
research staff	280	165.511	284	170.808	279	165.457

Actual numbers are always given by 31 December of the respective year



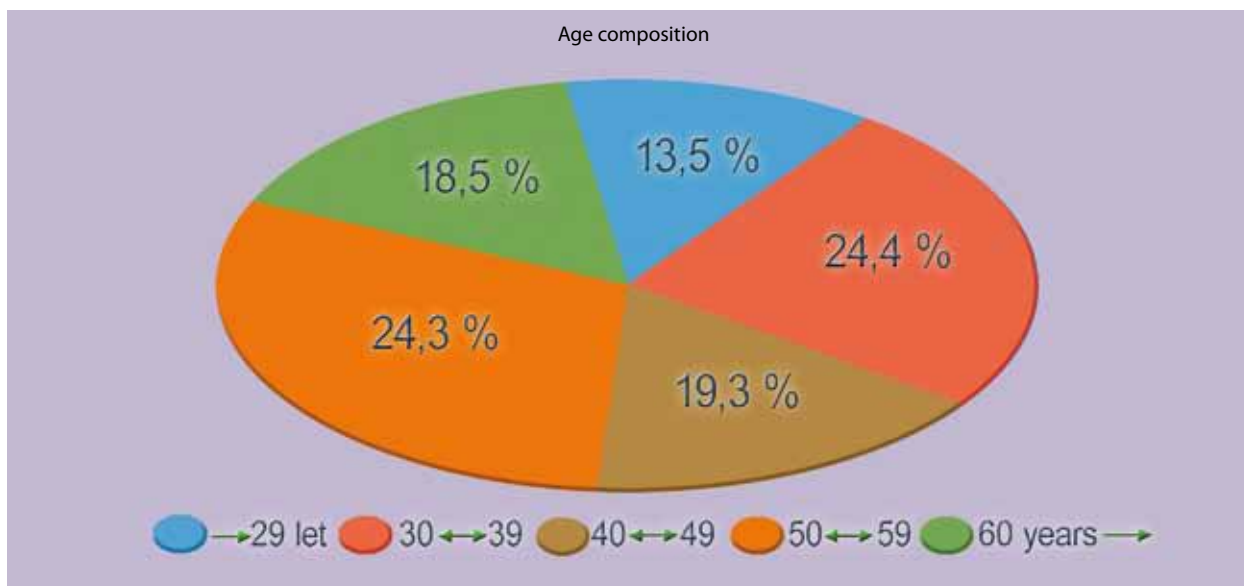
Composition of scientific / educational staff - actual numbers



Survey of age composition of staff in 2009

Age	Percentage
under 29 years	13.49
30 - 39 years	24.36
40 - 49 years	19.34
50 - 59 years	24.31
60 years and above	18.50

Composition of scientific / educational staff - average converted, full-time positions



APPOINTMENT OF PROFESSORS AND ASSOCIATE PROFESSORS IN 2009

In 2009 the Scientific Board of the First Faculty of Medicine performed nine procedures for appointment to professor posts. Eight of these were approved by the Scientific Board and passed to the Rector's Office of Charles University for further procedures, while one was suspended by ballot in the Scientific Board. The Scientific Board of Charles University in Prague discussed seven proposals from the First Faculty of Medicine; all the proposals were approved on and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures. In 2009 the President of the Czech Republic appointed eight new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board performed twelve habilitation procedures, and one of them was suspended by the Scientific Board. By the Rector of Charles University, ten Associate Professors were appointed in 2009 who had passed the habilitation procedures at the First Faculty of Medicine of Charles University in Prague.

Numbers of Appointment procedures passed in the Scientific Board of the First Faculty of Medicine of Charles University in Prague (1995-2009)

Professors							
1995	1996	1997	1998	1999	2000	2001	2002
5	7	1	5	0	7	7	7
2003	2004	2005	2006	2007	2008	2009	
13	11	14	15	13	7	9	

Associate Professors							
1995	1996	1997	1998	1999	2000	2001	2002
8	11	14	12	3	10	15	16
2003	2004	2005	2006	2007	2008	2009	
16	16	18	17	17	17	12	

PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2009

doc. MUDr. Jaromír Astl, CSc.

Department of ENT and Head & Neck Surgery of Charles University – the First Faculty of Medicine and Motol Teaching Hospital
Appointment procedure in the field of **Otorhinolaryngology**
Scientific Board of the First Faculty of Medicine on 27 January 2009

Title of the lecture: Tumours of the thyroid gland
Scientific Board of Charles University on 28 May 2009

doc. MUDr. Marta Kalousová, Ph.D.

Institute of Clinical Biochemistry and Laboratory Medicine of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Clinical biochemistry**
Scientific Board of the First Faculty of Medicine on 27 January 2009

Title of the lecture: Products of advanced glycation in medicine
Scientific Board of Charles University on 28 May 2009

doc. MUDr. Jan Štulík, CSc.

Spondylosurgical Department of Motol Teaching Hospital
Appointment procedure in the field of **Orthopaedics**
Scientific Board of the First Faculty of Medicine on 31 March 2009
Title of the lecture: Surgery of upper cervical spine
Scientific Board of Charles University on 25 June 2009

doc. MUDr. Marek Trněný, CSc.

1st Medical Department – clinical department of haematology of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Internal medicine**

Scientific Board of the First Faculty of Medicine on 31 March 2009
Title of the lecture: Immunochemotherapy in non-Hodgkin lymphomas as an important step on the road to recovery
Scientific Board of Charles University on 23 June 2009
Appointed with the effect from 18 September 2009

doc. MUDr. Michal Holub, Ph.D.

Department of Infectious and Tropical Diseases of Charles University – the First Faculty of Medicine and TH Na Bulovce
Appointment procedure in the field of **Infectious diseases**
Scientific Board of the First Faculty of Medicine on 28 April 2009
Title of the lecture: Immune response in pathogenesis of bacterial sepsis
Scientific Board of Charles University on 24 September 2009

doc. MUDr. Ilja Stříž, CSc.

Establishment of clinical and transplantation immunology of Institute of Clinical and Experimental Medicine in Prague
Appointment procedure in the field of **Medical immunology**
Scientific Board of the First Faculty of Medicine on 28 April 2009
Title of the lecture: Recent view of allergic inflammation
Scientific Board of Charles University on 24 September 2009

doc. MUDr. Milan Rejholec, CSc.

Al-Razi Orthopedic Hospital, Kuwait
Appointment procedure in the field of **Orthopaedics**
Scientific Board of the First Faculty of Medicine on 23 June 2009
Title of the lecture: Surgical treatment of dysplasia of the acetabulum as part of developmental dysplasia of the hip joint
Scientific Board of Charles University – not dealt with, suspended by the Scientific Board of the First Faculty of Medicine

doc. MUDr. Eva Havrdová, CSc.

Department of Neurology of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Neurology**

Scientific Board of the First Faculty of Medicine on 29 September 2009

Title of the lecture: Multiple sclerosis: from nihilism to monoclonal antibodies

Scientific Board of Charles University – the proposal will be submitted

doc. MUDr. Milan Hora, Ph.D.

Department of Urology of Charles University – the Medical Faculty in Plzeň

Appointment procedure in the field of **Urology**

Scientific Board of the First Faculty of Medicine on 22 December 2009

Title of the lecture: Trends in surgical treatment of renal tumours – a shift towards less invasive and more kidney-friendly techniques

Scientific Board of Charles University – the proposal will be submitted

Professors appointed in 2009

Name, establishment	Field	Scientific Board of Faculty	Scientific Board of University	Appointed with the effect from
doc. MUDr. Marek Babjuk, CSc. Department of Urology of Charles University – the First Faculty of Medicine and the General Teaching Hospital	urology	26 Feb 2008	26 June 2008	2 Mar 2009
doc. RNDr. Libuše Kolářová, CSc. Chair of Microbiology of the Institute for Further Medical Education; Charles University – the Third Faculty of Medicine	medical microbiology	29 Jan 2008	26 June 2008	2 Mar 2009
doc. MUDr. Renata Cífková, CSc. Establishment of Preventive Cardiology of Institute of Clinical and Experimental Medicine	internal medicine	26 Feb 2008	26 June 2008	2 Mar 2009
doc. MUDr. Marek Trněný, CSc. 1 st Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital	oncology	31 Mar 2009	23 June 2009	18 Sep 2009
doc. MUDr. David Cibula, CSc. Department of Gynaecology and Obstetrics of Charles University – the First Faculty of Medicine and the General Teaching Hospital	gynaecology and obstetrics	27 May 2008	25 Sep 2008	2 Mar 2009
doc. MUDr. Ondřej Vklícký, CSc. Department of Nephrology of Charles University – the First Faculty of Medicine and the General Teaching Hospital; Transplantation Centre of the Institute of Clinical and Experimental Medicine	internal medicine	25 Mar 2008	27 Nov 2008	2 Mar 2009
doc. MUDr. Vladimír Komárek, CSc. Department of Paediatric Neurosurgery of Charles University – the Second Faculty of Medicine and Motol Teaching Hospital	neurology	24 June 2008	27 Nov 2008	2 Mar 2009
doc. MUDr. Mojmír Kasalický, CSc. 1 st Surgical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital	surgery	25 Nov 2008	26 Feb 2009	18 Sep 2009

HABILITATION PROCEDURES PASSED IN THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE IN 2009

MUDr. Martin Prázný, CSc.

3rd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Internal medicine**

Scientific Board on 24 February 2009

Title of the lecture: Influence of some hormonal and humoral factors on microvascular reactivity

Appointed with the effect from 1 June 2009

MUDr. Jan Plzák, Ph.D.

Department of ENT and Head & Neck Surgery of Charles University – the First Faculty of Medicine and the Motol Teaching Hospital

Appointment procedure in the field of **otorhinolaryngology**

Scientific Board on 26 May 2009

Title of the lecture: Role of galectines in pavement carcinomas of the head and neck

Appointed with the effect from 1 July 2009

MUDr. Alan Stolz, Ph.D.

3rd Surgical Department of Charles University – the First Faculty of Medicine and the Teaching Hospital Motol

Appointment procedure in the field of **Surgery**

Scientific Board on 26 May 2009

Title of the lecture: Complications of surgical treatment of bronchogenous carcinoma

Appointed with the effect from 1 July 2009

MUDr. Manuela Vaněčková, Ph.D.

Department of Radiodiagnostic of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Radiology**

Scientific Board on 29 September 2009

Title of the lecture: Cerebrospinal multiple sclerosis and MRI: MNR monitoring of patients and their early stratification with the focus on introduction to clinical practice

Appointed with the effect from 1 December 2009

MUDr. Petr Štádler, Ph.D.

Department of Vascular Surgery at the Hospital Na Homolce

2nd Surgical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Surgery**

Scientific Board on 27 October 2009

Title of the lecture: Recent scope of robotic vascular surgery

Appointed with the effect from 1 February 2010

MUDr. Jarmila Heissigerová, Ph.D.

Department of Ophthalmology of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Ophthalmology**

Scientific Board on 27 October 2009

Title of the lecture: New approaches in treatment of intraocular inflammation in systemic diseases

Appointed with the effect from 1 January 2010

MUDr. Petr Marusič, Ph.D.

Department of Neurology of Charles University – the Second Faculty of Medicine and the Motol Teaching Hospital

Department of Neurosurgery of Charles University – the First Faculty of Medicine and the Central Military Hospital

Appointment procedure in the field of **Neurology**

Scientific Board on 27 October 2009

Title of the lecture: Clinical importance of focal cortical dysplasia in patients with temporal lobe epilepsy

Appointed with the effect from 1 January 2010

MUDr. Ivana Kuklová, CSc.

Department of Dermatology and Venereology of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Dermatovenereology**

Scientific Board on 24 November 2009 – procedure suspended

Title of the lecture: Acquired syphilis in the population of Prague

MUDr. Zdeněk Novotný, CSc.

Department of Gynaecology and Obstetrics of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Gynaecology and obstetrics**

Scientific Board on 24 November 2009

Title of the lecture: Monitoring of complications of laparoscopic gynaecologic surgeries

Appointed with the effect from 1.2. 2010

MUDr. Roman Šmucler, CSc.

Department of Stomatology of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Stomatology**

Scientific Board on 24 November 2009

Title of the lecture: Therapeutic use of lasers in orofacial oncology

Appointed with the effect from 1 February 2010

MUDr. David Netuka, Ph.D.

Department of Neurosurgery of Charles University – the First Faculty of Medicine and the Central Military Hospital

Appointment procedure in the field of **Neurosurgery**

Scientific Board on 22 December 2009

Title of the lecture: Stenoses of vessels supplying the brain

MUDr. Ladislav Šenolt, Ph.D.

Institute of Rheumatology of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **Internal medicine**

Scientific Board on 22 December 2009

Title of the lecture: Metastasin (S100A4), resistin, visphatin and other adipokines – new cytokines and their role in pathogenesis and assessment of rheumatoid arthritis

Associate Professors appointed in 2009

Name, establishment	Field	Habilitation thesis	Scientific Board of Faculty	Appointed with the effect from
RNDr. Dušan Cmarko, Ph.D. Institut of Cell Biology and Pathology of Charles University – the First Faculty of Medicine	medical biology	Ultrastructural study of synthesis, adaptation and movement of nucleic acids in the cell nucleus	23 Sep 2008	1 Jan 2009
MUDr. Bohumil Seifert, Ph.D. Institut of General Medicine of Charles University – the First Faculty of Medicine and the General Teaching Hospital	hygiene and epidemiology	Studies in primary care and their role in clinical gastroenterology	21 Oct 2008	1 Feb 2009
MUDr. Daniel Vyoral, CSc. Institute of Pathological Physiology of Charles University – the First Faculty of Medicine and the General Teaching Hospital	pathological physiology	Study of protein complexes in transportation of iron	23 Sep 2008	1 Jan 2009
MUDr. Kateřina Linhartová, Ph.D. Cardiovascular Centre of Motol Teaching Hospital; 2 nd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital	internal medicine	Risk factors of calcified aortal stenosis	16 Dec 2008	1 Apr 2009
MUDr. Tomáš Štulc, Ph.D. 3 rd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital	internal medicine	Influence of treatment on selected laboratory findings in the process of atherogenesis	21 Oct 2008	1 Feb 2009
MUDr. Tomáš Binder, CSc. Department of Gynaecology and Obstetrics of Charles University – the Second Faculty of Medicine and Motol Teaching Hospital	gynaecology and obstetrics	Intrahepatic cholestasia of the pregnant	25 Nov 2008	1 Apr 2009
MUDr. Martin Prázný, Ph.D. 3 rd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital	internal medicine	Influence of some hormonal and humoral factors on microvascular reactivity	24 Feb 2009	1 June 2009
MUDr. Jan Plzák, Ph.D. Department of ENT and Head & Neck Surgery of Charles University – the First Faculty of Medicine and a FN Motol	otorhinolaryngology	Role of galectines in pavement carcinomas of the head and neck	26 May 2009	1 July 2009
MUDr. Alan Stolz, Ph.D. 3 rd Surgical Department of Charles University – the First Faculty of Medicine and Motol Teaching Hospital	surgery	Complications of surgical treatment of bronchogenous carcinoma	26 May 2009	1 July 2009
MUDr. Manuela Vaněčková, Ph.D. Department of Radiodiagnostics of Charles University – the First Faculty of Medicine and the General Teaching Hospital	radiology	Cerebrospinal multiple sclerosis and MRI: MNR monitoring of patients and their early stratification with the focus on introduction to clinical practice	29 Sep 2009	1 Jan 2010

Survey of specialties to perform habilitation procedures and procedures for appointment to professor posts at the First Faculty of Medicine of Charles University and validity of their accreditations

Specialty:	Right to perform habilitation procedures:	Right to perform procedures to appoint professors:
Anatomy	until 31 Oct 2011	until 31 Oct 2011
Surgery	until 18 Nov 2015	until 18 Nov 2015
Dermatovenereology	until 23 July 2012	until 23 July 2012
Gynaecology and obstetrics	until 18 Nov 2015	until 18 Nov 2015
Hygiene and epidemiology	until 31 Oct 2011	until 31 Oct 2011
Infectious diseases	until 31 Dec 2015	until 31 Dec 2015
Clinical biochemistry	until 31 Oct 2011	until 31 Oct 2011
Medical biophysics	until 18 Nov 2015	until 18 Nov 2015
Medical biology	until 31 Oct 2011	until 31 Oct 2011
Medical biochemistry and biochemistry	until 18 Nov 2015	until 18 Nov 2015
Medical pharmacology	until 31 Oct 2011	until 31 Oct 2011
Medical physiology	until 18 Nov 2015	until 18 Nov 2015
Medical genetics	until 31 Oct 2011	until 31 Oct 2011
Medical immunology	until 31 Oct 2011	until 31 Dec 2011
Medical informatics	until 20 Oct 2011	until 20 Oct 2011
Medical microbiology	until 31 Oct 2011	until 31 Oct 2011
Neurosurgery	until 31 Oct 2011	until 31 Oct 2011
Neurology	until 18 Nov 2015	until 18 Nov 2015
Ophthalmology	until 18 Nov 2015	until 18 Nov 2015
Oncology	until 20 Oct 2011	until 20 Oct 2011
Orthopaedics	until 18 Nov 2015	until 18 Nov 2015
Otorhinolaryngology	until 31 Oct 2011	until 31 Oct 2011
Pathological physiology	until 31 Oct 2011	until 31 Oct 2011
Pathology	until 23 July 2012	until 23 July 2012
Paediatrics	until 31 Oct 2011	until 31 Oct 2011
Occupational medicine	until 31 Dec 2015	until 31 Dec 2015
Psychiatry	until 31 Oct 2011	until 31 Oct 2011
Radiology	until 18 Nov 2015	until 18 Nov 2015
Sexology	until 15 Jan 2012	until 15 Jan 2012
Forensic medicine	until 20 Oct 2011	until 20 Oct 2011
Stomatology	until 23 July 2012	until 23 July 2012
Urology	until 31 Dec 2015	until 31 Dec 2015
Internal medicine	until 18 Nov 2015	until 18 Nov 2015

*Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities*



At the Day of Science 2009, which is held at the the University of Economics every year, Charles University in Prague was represented by the First Faculty of Medicine.



The 2009 International Exhibition of Medical Literature took place in the reconstructed rooms at the building at 4 U Nemocnice.

EDUCATION



EDUCATION

BRIEF SURVEY OF TUITION

Branches of studies in brief

At the time, the scope of education provided at the First Faculty of Medicine includes the following: programmes of general medicine and dentistry, and Bachelor degree programmes of addictology, nursing / general nursing, medical technology, nutritional therapy, occupational therapy and physiotherapy, as well as studies in the follow-up Master degree programmes of medical technology and informatics, and intensive care. Addictology and general nursing can be studied in the combined form of studies too.

In the fields of general medicine and dentistry, the tuition is performed in English language as well. This is provided for self-paying international students, who also take an intensive Czech language course so that they will be able to communicate with the patients in the later years of studies.

For those interested in the study, the Faculty offers the possibility of taking preparatory classes for the entrance procedures in those subjects that are tested at the entrance exams; one version of the classes includes basics of Latin as well.

The Faculty plays a distinctive role in post-graduate certification training as well as in supervising Ph.D. doctoral studies in co-operation with the other faculties of Charles University and the Academy of Sciences of the Czech Republic as well as with educational institutions of the Ministry of Health, and takes an extensive part at professional (pre-certification) training. The First Faculty of Medicine

ranked among the founders of the Third-Age University; these studies here have been in course since 1987 without interruption.

The Faculty also assists some other faculties in education of their students and provides them with integral training in the form of courses in some subjects, including examination.

Entrance procedures

New students were admitted according to the scores of written tests in physics, chemistry and biology as well as the test of general studying ability. Prior to the entrance procedure, the whole set of test questions had been published. Using the method of random choice by a computer, tests at the presumed level of difficulty were made up out of this set of several thousands of questions immediately before the examination. The scoring and compiling the list stating the sequence of applicants according to the scores were done by a computer and the standings were announced on the website of the First Faculty of Medicine on the following day. The test of general studying ability was prepared in co-operation with the Faculty of Philosophy and Arts, which has had many years' experience with it.

Organization of studies

The First Faculty of Medicine has met all aspects of the recommendation by the Commission of the European Union and its Commission for Medical Education. Since the academic year 2006-2007 the study has been divided into one-semester or one-year sections, and for evaluation of the progress the system of credit points (European Credit Transfer System, ECTS) has been in-



prof. MUDr. Jana Dušková, DrSc., MBA
Vice-Dean for Education and Stomatology / Dentistry

troduced. The studies are subject to the Rules for organization of studies at the First Faculty of Medicine, which were based on and approved in accordance with the Studies and Examination Regulations of Charles University. Every subject in any study programme is evaluated by a certain number of credit points, which reflects how long and difficult the study of the given subject is. To enrol into another section of studies, a student has to obtain a set number of credits – the “normal number of credit points” (the requirement is 30 per semester, or 60 per year), or – in cases specified by the Rules for organization of studies – at least the “minimum number of credit points”.

On enrolment for a section of studies, the student has the right to choose from the list of core subjects and optional subjects. However, as the education in medical and health disciplines requires special methodological approach and an appropriate order of subjects, recommended curricula have been set for each study programme, and – for enrolment in a number of subjects – prerequisites have been detailed, defining the necessity of passing certain subjects during the previous study. Nevertheless, a certain number of credit points during the whole course of studies (5 per cent for General Medicine) can be obtained by the students through passing in facultative subjects. These subjects, as offered by the Faculty, are nearly 250 in number.

A good deal of the agenda concerning the studies is done in the electronic form through the Student Information System (SIS) of Charles University, which serves both the students and teachers. This system enables electronic enrolment and record of subjects, dates of examination, record of marks, and also includes basic information on subjects (schedules, teachers, syllabi, lists of recommended literature, etc.). Since autumn 2008, the Department of Students' Affairs has worked in the new rooms, and in 2009 it was equipped with a modern signal device that would offer the students with an easier access to settling their agenda in person.

Systematically, the electronic support of tuition is being extended, such as the education portal, e-learning, electronic textbooks (Wikiskripta) and work at the MEFANET.

In evaluation of tuition at the Faculty, students take part regularly. Since 2006, special software for this purpose has been available at the Faculty website. For the teachers the system plays an important role in motivation, and it contributes to a higher standard of teaching.

A great number of students travel abroad every year to take short-term or longer placements thanks to the Erasmus programme or the exchange of IFMSA student organization.

In October 2009 the building at 4 U Nemocnice was open after reconstruction, where – apart from modern teaching rooms – the Institute of Scientific Information is located, including the library. Students can borrow books to study at home, or make use of the modern resource room and large computer room with access to the internet, printers, in-line search of professional literature etc. Further, another clubroom, which also offers refreshments, was opened for students in the building.

Education in general medicine

The biggest study programme at the Faculty is the six-year study of general medicine, which is divided into seven sections (the first year being divided into two sections). In the curriculum, the emphasis is gradually shifted from theoretical subjects over those pre-clinical to clinical training. The first three years are mainly devoted to theoretical and pre-clinical subjects. During these years the tuition is implemented according to semester schedules, including lectures, practicals, seminars, dissections and pre-clinical placements. The following three years are devoted to the clinical part of the studies and are organized in the form of the “block system”, with the aim to create some integral, self-contained parts even within particular subjects. The blocks passed are then completed with checking the



doc. MUDr. Martin Vokurka, CSC.
Vice-Dean for Theoretical and Pre-Clinical Education

progress, which is done in the forms as defined by the Studies and Examination Regulations (such as exams or credits).

Theoretical and pre-clinical studies

Theoretical and pre-clinical studies take the first three years of the study programme. In the theoretical part, the students study basic medical terminology, composition of the human body (anatomy, histology) and its function (physiology), biophysical, biochemical and biological processes at the body, cell as well as sub-cellular level. They learn about the essentials of first aid and nursing, and after the second year take a summer clinical placement focused on basic patient care. The study also includes medical information science and a foreign language. In the third year they obtain the basic knowledge about the origin and development of morbid processes (pathology, pathophysiology, pathobiochemistry, microbiology, introduction to immunology) as well as about the basics of clinical studies (medical and surgical propaedeutics, elementary stage in pharmacology).

In 2009 the tuition was implemented according to curricula; particular institutes increased the number of their educative presentations on the Educational Portal of the First Faculty of Medicine, and gradually became involved in the Wikiskripta programme as well. They also widened the scope of e-learning and presentations at their own web pages or special portals.

Education in dentistry

2009 was already the fifth year of instruction in dentistry according to the new curriculum. Sixty students successfully graduated from the programme of Dental Medicine. For the training in pre-clinical dental subjects, two manikin laboratories were used, while clinical dentistry started being taught at the reconstructed and refurbished premises of the Department of Stomatology in the building of the Dean's office at 32 Kateřinská. For practical education, two training halls, a prosthetic laboratory and another, third manikin laboratory

have been established there. The teaching premises have been complemented with seminary rooms, new changing rooms etc., and the lecture hall of the department was fundamentally refurbished too. After this reconstruction the premises of the Department of Stomatology fully meet all contemporary requirements that are put on dental teaching institutions in Europe.

Tuition in theoretical and pre-clinical subject followed the same pattern as in the years before. Also tuition in general medical subjects was in the form of "block" clinical placements – this intensive way of training enables the students, despite of the low number of hours, to obtain a coherent general view of the other medical fields, which is important in the medical aspect as well as considering the diseases and disorders of the orofacial area. In 2009 quite a number of successful students of Dental Medicine went abroad for scholarships at dental schools in Rostock, Perugia and – lately – Granada, which are part of the Erasmus / Socrates programme.

Electronic support of tuition

In 2009 the development of electronic support of tuition and study has continued. On the Faculty's educational portal, a great number of new electronic materials were published. The Board for e-learning, as well as the management of the Faculty, focused on increasing the quality of the aids on display above all. All the teaching items were assessed by expert supervisors for the particular fields. Apart from that, the Board for e-learning organized fourteen expert examination procedures, thereby recognizing the respective publications, comparable to classic textbooks, as educational work counting for evaluation of the teaching output of the institution as well as for the procedures of promotion in degrees. The Faculty's educational portal is interconnected to the educational network MEFANET (Medical Faculties Educational Network, <http://www.mefanet.cz/>), which in 2008 connected all medical schools of the Czech Republic and the Slovak Republic.



*doc. PhDr. Michal Miooský, Ph.D.
Vice-Dean for Non-Medical Study Programmes*

A new element in electronic teaching is the Wikiscripta (<http://wiki.lf1.cuni.cz/>), which was launched by the First Faculty of Medicine of Charles University as a tool for team creation of educational texts. In the making of Wikiscripta, students and teachers alike take part. In the first year of its existence, Wikiscripta achieved the number of one thousands articles included and the number of accesses has grown beyond expectation.

The First Faculty of Medicine has opened this educational base to all other medical faculties in the Czech Republic and the Slovak Republic. This does not mean the mere possibility of using the resources but also the chance to take part in their creation, which is really done by the other schools.

This new educational initiative opens a new space for students' active co-operation in creation of study materials, changing their role from passive to active. Then they can see with their own eyes that medical faculties are capable of creative and friendly collaboration, which induces the students' trust in the system. This approach is very motivating and makes the students see the university as a living and creative institution. The opening of Wi-

kiscripta for the other schools is an example of co-operation, which is highly desirable for other than medical faculties as well.

In the past year, Wikiscripta has been introduced to both lay and professional public, and Charles University was thereby presented as a modern and co-operative school. This also attracted attention of journalists (in *Týden*, *Medicina.cz*, *Zdravotnické noviny /zdn.cz/*, *Zdravotnické noviny /zdravky.cz/*, *Medical Tribune*, *Gate2Biotech*, *Vysoké školy*, *Topzine*, *MEFANETin*) and participants at professional conferences (AMEE, Silesian Moodle Moot, MEFANET), but above all attention of students, who Wikiscripta is actually addressed to.

The project of Wikiscripta means not only introduction of the latest technologies in the tuition but also a proof that co-operation is motivating and can lead to a higher effectiveness of studies in the inspiring academic setting.

Other activities of the Faculty

Several informative events for the public were organized, such as the University's and Faculty's Open Days, Gaudeamus fair. In 2009 the Faculty also gave the opinion on recognition of university education according to international agreements.

Students – Czech nationals

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	total
General Medicine	455	235	267	208	226	250	1,641
Dentistry and Stomatology	72	39	41	50	57	38	297
Nursing – full-time	23	17	18	-	-	-	58
Nursing – combined	40	2	-	39	-	-	81
Addictology – full-time	32	28	29	-	-	-	89
Addictology – combined	43	-	-	-	-	-	43
Occupational therapy	23	16	35	-	-	-	74
Physiotherapy	31	26	31	-	-	-	88
Nutritional therapy	18	-	-	-	-	-	18
Medical technology	19	14	14	-	-	-	47
Intensive care	29	30	-	-	-	-	59
Health teaching	-	2	-	-	-	-	2
Medical technology & informatics	22	30	-	-	-	-	52
Total	807	439	435	297	283	288	2,549

International students (incl. paying students)

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	total
General medicine (+ paying students)	133	79	65	98	84	109	568
	112	107	87	43	46	38	433
Dentistry and Stomatology (+ paying students)	13	6	8	3	5	3	38
	20	14	16	16	8	-	74
Nursing / General nursing – full-time	-	1	-	-	-	-	1
Nursing / General nursing – combined	3	-	-	-	-	-	3
Addictology – full-time	1	-	2	-	-	-	3
Addictology – combined	3	9	11	-	-	-	23
Occupational therapy	4	2	2	-	-	-	8
Physiotherapy	3	-	-	-	-	-	3
Nutritional therapy	-	-	-	-	-	-	-
Medical technology	3	-	-	-	-	-	3
Intensive care	4	5	-	-	-	-	9
Health teaching for secondary schools	-	-	-	-	-	-	-
Medical technology & informatics	3	2	-	-	-	-	5
Total	170	104	88	101	89	112	664
(+ total of paying students)	132	121	103	59	54	38	507

Number of students enrolled for the first year of studies

Branch	Czech	International
General medicine	429	106
Dentistry	74	9
General nursing – full-time	26	3
General nursing – combined	37	2
Addictology – full-time	37	-
Addictology – combined	47	3
Occupational therapy	21	1
Physiotherapy	28	3
Nutritional therapy	18	-
Medical technology	7	-
Intensive care	36	3
Medical technology & informatics	19	-
Total	779	132

Education in non-medical health care fields

In the academic year of 2008-2009, as many as 669 students were studying in non-medical programmes at the First Faculty of Medicine of Charles University. This number includes 542 students in Bachelor degree programmes and 127 students in follow-up Master degree programmes. In the same year, the total number of 140 students in Bachelor degree programmes and 48 students in follow-up Master degree programmes graduated.

In 2009 the accreditation procedures for the follow-up programme in Addictology were completed, and the preparations are done to open the enrolment procedures for studies of this field at the Faculty in the academic year 2007-2008, at the level of a Master degree programme. For the first time, two of the study programmes were provided for the first year students in the combined form in 2009. The Bachelor degree programmes in General nursing and Addictology were first launched in this form as pilot programmes, and after the testing of the new model of tuition in common core subjects, the combined form of training will provide a large potential for the other fields of study.

Continuity in the process of education in all the above fields is provided and co-ordinated by experienced teaching staff, put in charge by the Dean of the Faculty as expert supervisors. Like in the previous years, the management of the First Faculty of Medicine of Charles University tries to gradually achieve the goals of the “The Sorbonne Declaration” (ratified in 1998), and the “Bologna Declaration” (ratified in 1999). The need of the society in extension of non-medical health care education programmes results in high demand on the whole teaching staff not only in the sphere of special educational processes but also in the aspect of co-ordination of both theoretical and particularly in practical tuition. On the other hand, the interest in our alumni from potential employers in health care services is really pleasing. Equally pleasing is the fact that in 2009 the students of non-medical programmes again held their own students’ professional scientific conference.

Number of students in Bachelor and follow-up Master degree programmes in the academic year 2008-2009

Bachelor programmes	Number of students
Nursing – full-time	42
General nursing – full-time	24
Nursing – combined	41
General nursing – combined	42
Occupational therapy	77
Physiotherapy	111
Medical technology	50
Addictology – full-time	90
Addictology – combined	47
Nutritional therapy	18
Bachelor programmes – total	542
Follow-up Master programmes	
Medical technology and informatics	57
Health teaching for secondary schools	2
Intensive care	68
Master programmes – total	127
Non-medical programmes – total	669

Graduates in Bachelor degree programmes in 2008-2009

Field of studies	Number of graduates
Addictology	25
Occupational therapy	20
Physiotherapy	32
Nursing – full-time	14
Nursing – combined	38
Medical technology	11
total	140

Graduates in the follow-up Master degree programmes in 2008-2009

Field of studies	Number of graduates
Medical technology and informatics	13
Health teaching for secondary schools	1
Intensive care	34
total	48

Further education of physicians

Again, like in many past years, 19 postgraduate courses were provided under the administration of the Department for Further Education of Medical Doctors of the First Faculty of Medicine, as well as 147 seminars at the institutes and clinical departments, attended by about 3,500 physicians.

Apart from the above events, 45 seminars were organized in collaboration with pharmaceutical or other companies, with about 4,000 physicians attending.

The total number of participants at all the 208 educative events was nearly 7,000 physicians.

The participants, in accordance with the Professional Regulation Nr 16 of the Czech Medical Chamber, obtained credit points depending on the number of lessons attended.

Number of students (by 31st October of the respective year)

Number of students: Czech / international (incl. paying students)	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
General medicine	1907/314 (36)	1930/151 (54)	1739/187 (64)	1672/192 (101)	1829/260 (145)	1702/334 (175)	1669/395 (165)	1448/575 (171)	1579/713 (188)	1395/939 (201)	1362/711 (215)	1567/586 (228)
Stomatology / Dentistry	168/9	151/13 (8)	132/17 (11)	168/20 (14)	260 (15)	217/32 (19)	239/42 (18)	246/52 (16)	257/48 (15)	239/66 (17)	289/49 (14)	264/32 (16)
Nursing full-time	49/2	70/1	75	76	72	77	80	74/1	77/1	67/2	62/6	63/3
Nursing combined	25	55	64	81	87	92/2	92/3	101/6	111/7	120/7	127/18	124/4
Addictology	-	-	-	-	-	-	-	-	-	-	-	-
Occupational therapy	-	21	35/2	47/3	56/2	83/3	110/3	130/1	83/1	81/11	91/8	89/3
Physiotherapy	-	-	-	-	-	-	-	-	48/2	48/3	56/6	52/17
Nutritional therapy	-	-	-	-	-	-	-	-	-	-	-	-
Medical technology	-	15	22	38/1	49/1	64/1	67	55/1	61/3	50/4	61/11	57/5
Health teaching for secondary schools	-	-	-	-	-	-	-	-	-	25	59/1	64
Medical technology & informatics	-	-	-	-	-	-	-	-	-	21	38/0	38/1

Number of students: Czech / international (incl. paying students)	2005	2006	2007	2008	2009
General medicine	1558/916 (242)	1479/1016 (267)	1615/1037 (331)	1447/1051 (352)	1641/1001 (433)
Stomatology / Dentistry	243/43 (11)	192/106 (29)	259/81 (46)	260/35 (57)	297/112 (74)
Nursing / General nursing full-time	66/2	65	73/2	67/2	58/8
Nursing / General nursing combined	109/21	125/23	92/15	62/15	82/3
Addictology – full time	-	37/1	68/0	82/0	89/1
Addictology – combined	-	-	-	-	42/3
Occupational therapy	91/3	87/5	92/6	64/6	74/3
Physiotherapy	77/6	114/17	110/26	91/26	88/23
Nutritional therapy	-	-	-	-	18
Medical technology	61/3	60/7	56/12	46/12	47/3
Intensive care	-	-	-	-	59/9
Health teaching for secondary schools	69	92/1	58/1	11/1	2
Medical technology & informatics	40/1	28/1	46/0	48/0	52/5

Survey of courses and seminars accredited by the Czech Medical Chamber in 2009

	First Faculty of Medicine	Faculty's departments	Participating pharmaceutical companies	Total
Number of events	19	147	45	208
Number of participants *	547	2,668	3,898	6,870*

* Complete data not available

Third-age University of the First Faculty of Medicine – organization and course of tuition

Traditionally, tuition for the third-age university at the Faculty is provided for the 1st and 2nd years of studies, as well as for the so-called Club of Third-age University Alumni, an association of those who have passed the two years of studies and want to follow a special additional course, which has been attended by the alumni for many years. The basic course is arranged in two years (4 semesters) with a stable programme of lectures, which is published in the Faculty's *List of Lectures* book. This programme is followed completely. The Club of Alumni attends lectures in the lecture hall of the 3rd Medical Department on Tuesday afternoons, while the lectures in the lecture hall of the Institute of Nuclear Medicine at 5 U Nemocnice are given for the 1st and 2nd year students on Wednesday and Thursday afternoons, respectively. As for the day of the week, the same day is observed throughout the two years of studies, so every new the 1st year of studies will occupy the same day that was left by the previous 2nd year. For the programme published, regular teachers are engaged from among the Faculty staff, and guest from other faculties come as well (e.g. an anthropologist and a paleontologist from the Faculty of Natural Science to deal with the topics such as growth in an individual and the po-

pulation, or human phylogeny). In either year of studies there is one volunteer from the Club of Alumni to provide for the lecture hall to be opened and locked again, checked for dimming, projectors and everything needed for the lecture. The Faculty is represented in the national Third-age University Association of the Czech Republic. Through this association the Faculty managed to win grants for the Third-age University, so that projectors for the lecture hall could be purchased as well as computers to enhance "computer literacy" of the third-age students and print out simple textbooks for them. Out of the 2009 grant we purchased good assembled models of the body and its organs, which will promote active participation of the students in training.

The fundamental approach of the Faculty towards the Third-age University is based on the knowledge of gerontology and geriatrics about the need of early mental activation of the elderly generation. Therefore education in the Third-age University (unlike in other forms of tuition of mature students) is not the goal but rather means of such activation, which conclusively delays the onset of the so-called age of dependence. For this reason the knowledge which the third-age students obtain is focused in such a way that they learn much about medical science but not diagnosis or therapy; it also promotes their positive attitude to the Faculty and their understanding for physicians.

Lectures in each basic two years can be identical, as the programme does not change but only new students come. These lectures are entered in the annual *List of lectures* of the First Faculty of Medicine. On the other hand, lectures for the Club of Alumni must be new ones, as the auditorium mainly consists of the same students again from year to year. Therefore a cycle of eleven to thirteen lectures on one specific topic is presented in each semester. In the summer term of the academic year 2008-2009, the 3rd Medical Department suggested the series of twelve lectures, choosing the topic *Hormones and their role in human organism*. These lectures, organized by Prof. J. Marek, met keen interest of the audience. The winter term of the academic year 2009-2010 was divided into two parts. The first part comprised a

Alumni of the First Faculty of Medicine

Field	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
General medicine	218	154	194	260	219	233	205	242	306	297
Stomatology / Dentistry	24	26	35	27	47	37	31	41	22	39/60
Nursing - full-time	26	16	28	24	18	15	16	18	21	14
Nursing - combined	19	12	21	30	27	22	31	28	34	38
Occupational therapy	14	16	20	22	18	22	16	20	22	20
Physiotherapy	-	13	11	13	18	16	16	40	27	32
Addictology	-	-	-	-	-	-	-	-	13	25
Medical technology	16	3	10	11	11	10	14	15	17	11
Medical technology and informatics	-	-	-	-	13	27	6	12	13	13
Intensive care	-	-	-	-	-	-	-	-	-	34
Health teaching for secondary schools	-	-	-	-	23	25	26	48	48	1
English parallel class – General medicine	6	18	18	17	38	24	16	20	17	27
English parallel class – Stomatology / Dentistry	2	-	2	1	4	-	-	1	-	0/7
Total	325	258	339	405	436	431	394	485	500	618

series of six lectures on the latest method and techniques of modern ophthalmology, which was prepared by Prof. M. Filipec and presented by the staff of the Lexum clinic, while in the six lectures in the second part a new series about nutrition started, prepared and presented by the staff of the 4th Medical Department and the Institute of Endocrinology. The series on nutrition will be continued in the summer term of the academic year 2009-2010. Preparation and implementation of the project was undertaken by Prof. Aleš Žák, the Head of the 4th Medical Department, and Assoc. Prof. Vojtěch Hainer, the Director of the Institute of Endocrinology. Both series of lectures proved to be of so high quality that they could be included in the education of medical students. Certainly good news is that even among the third age students are retired associate professors of our Faculty as well as of other medical fa-

culties, and professors of some non-medical university-level schools.

In June 2009, certificates of the Ministry of Education, Youth and Sport of the Czech Republic were conferred to our third age students in a ceremony at Karolinum as a proof of completing the course. At present, the lectures of the Third-age University are regularly attended by 59 students in the first year of the course, 57 students in the second year and about 130 students in the Club of Third-age University Alumni.

Co-operation with other faculties and universities in the sphere of education

The Faculty has signed formal contracts of providing some parts of tuition programme with the following:

Survey of the number of applicants and their results

Academic year	Branch	Number of applicants	Number of applicants examined	Enrolled out of the admitted	Limit for admission (points)	Maximum score (in theory)	Limit rate in the test	Number of appeals*)	Appeals out of those examined (percent)	Appeals out of those not admitted (percent)
1997-1998	General medicine	1455	1152	418	203	299	67.89 %	82	7.12 %	11.17 %
	Dentistry	191	161	51	226	299	75.59 %	22	13.66 %	20.00 %
	total	1646	1313	469				104	7.92 %	12.32 %
1998-1999	General medicine	1583	1035	364	186	297	62.63 %	156	15.07 %	
	Dentistry	235	156	53	178	297	59.93 %	28	17.95 %	
	total	1818	1191	417				184	15.45 %	23.77 %
1999-2000	General medicine	1549	1161	490	186	299	62.21 %	123	10.59 %	18.33 %
	Dentistry	212	166	69	172	299	57.53 %	28	16.87 %	28.87 %
	total	1761	1327	559				151	11.38 %	19.66 %
2000-2001	General medicine	1789	1183	447	164	299	54.85 %	126	10.65 %	17.12 %
	Dentistry	226	167	60	155	299	51.84 %	23	13.77 %	21.50 %
	total	2015	1350	507				149	11.03 %	17.67 %
2001-2002	General medicine	2202	1353	404	180	300	60 %	148	10.94 %	18.03 %
	Dentistry	281	183	52	180	300	60 %	31	16.94 %	27.20 %
	total	2483	1536	456				179	11.65 %	19.14 %
2002-2003	General medicine	1987	1433	444	201	300	67 %	89	6.21 %	6.75 %
	Dentistry	252	188	59	176	300	58.66 %	19	10.10 %	11.31 %
	total	2239	1621	503				108	6.66 %	7.26 %
2003-2004	General medicine	1873	1398	437	191	300	63.66 %	102	7.30 %	8.99 %
	Dentistry	307	225	52	200	300	66.66 %	29	12.88 %	14 %
	total	2180	1623	489				131	8.07 %	9.77 %
2004-2005	General medicine	1850	1481	534	185	299	61.87 %	107	7.23 %	7.99 %
	Dentistry	333	275	56	240	299	80.27 %	40	14.55 %	13.42 %
	total	2183	1756	590				147	8.37 %	8.98 %
2005-2006	General medicine	2016	1449	484	180	300	60 %	148	10.21 %	15.34 %
	Dentistry	513	420	42	247	300	82.33 %	76	18.10 %	20.10 %
	total	2529	1869	526				224	12 %	16.70 %
2006-2007	General medicine	2575	1506	530	172	300	57.33 %	175	11.62 %	17.93 %
	Dentistry	840	580	61	236	300	78.66 %	79	13.62 %	15.22 %
	total	3415	2086	591				254	12.18 %	17.00 %
2007-2008	General medicine	2509	1820	426	178	297	59.93 %	143	7.86 %	16.73 %
	Dentistry	821	645	53	240	297	80.80 %	57	12.25 %	10.32 %
	total	3330	2465	479				200	8.11 %	18.90 %
2008-2009	General medicine	2298	1664	491	125	240	52.08 %	156	9.38 %	11.24 %
	Dentistry	871	711	69	187	240	77.92 %	80	11.25 %	10.18 %
	total	3169	2375	560				236	9.94 %	10.86 %
2009-2010	General medicine	2,333	1,613	530	159	300	53 %	115	7.13 %	18.58 %
	Dentistry	871	686	83	226	300	75.33 %	65	9.48 %	10.78 %
	total	3,204	2,299	613				180	7.83 %	14.73 %

Faculty of Education, Charles University in Prague

For the 1st to 3rd years of the programme of Special Pedagogy, 340 lessons are taught by our teachers (Institute of Physiology, Institute of Foreign Languages, Department of Rehabilitation Medicine, Department of Phoniatrics, Department of Neurology). The Institute of Biology and Medical Genetics teaches the subject Clinical genetics in the programme of Special Pedagogy. The Faculty of Education provides tuition for 1st to 3rd year students of the First Faculty of Medicine in the Bachelor degree programmes of Occupational Therapy, Physiotherapy and Medical Technology.

Faculty of Philosophy and Arts, Charles University in Prague

The tuition in question is for the 5th year full-time students and 4th to 6th year students in the combined programme of Patient Care. The following are engaged in the teaching: Institute of Nursing Theory and Practice, 3rd Medical Department – Clinical Department of Endocrinology and Metabolism, 2nd Surgical Department – Clinical Department of Cardiovascular Surgery, Department of Paediatrics and Adolescent Medicine, Department of Psychiatry, Institute of Pathology, Department of Gynaecology and Obstetrics. Further, the Faculty of Philosophy and Arts is our partner in developing a module of the admission procedure to test general studying abilities.

Second Faculty of Medicine, Charles University in Prague

The Department of Occupational Diseases provides clinical placements for the Medical Department of 2nd Faculty of Medicine, and takes part in examining at Rigorous State Examinations.

Faculty of Science, Charles University in Prague

The Institute of Forensic Medicine and Toxicology teaches the subject Analytic Toxicology for the Bachelor degree programme Clinical and Toxicological Analysis. Histology is taught for one term for the programme of Parasitology. The Institute of Biology and Medical Genetics teaches the subject Human genetics.

The Faculty of Science teaches the subject Parasitology for Foreign Students for our Faculty.

Czech Technical University in Prague (ČVUT)

Three teachers are engaged in tuition of students in Bachelor degree programmes, in the subjects Basic Apparatus Equipment, and Imaging Techniques. They teach the following subjects in the follow-up Master degree programme Medical Technology and Informatics:

In the first year – Information and communication technology in health care, Economics, Management, Mathematics for non-engineering branches, Imaging techniques I, Technical aspects of medical appliances I, Database systems in biomedicine and health care.

In the second year – Imaging techniques II, Aggregation of data for decision-making, Technical aspects of medical appliances II.

They take part in the Final State Examination.

Institute of Chemical Technology (VŠChT) in Prague

Tuition of the subjects Chemistry of foods and Food merchandise in the Bachelor degree programme of Nutritional Therapy is provided by a teacher from VŠChT.

The First Faculty of Medicine takes part in tuition of the subject Analytic Toxicology, which was introduced at this university-level college by the teachers of the Institute of Forensic Medicine and Toxicology in 1995, within a grant project of the Fund of Development of Universities. In teaching the facultative subject of Analytic Toxicology, VŠChT teachers participate. The teachers of the Institute of Clinical Biochemistry and Laboratory Medicine teach the students of the College on a long-term basis as well. The Institute of Biology and Medical Genetics teaches the subject Human biology at the Faculty of Chemical Technology – Institute of Organic Technology.

Since the academic year 2003-2004, participation of teachers of the First Faculty of Medicine in tuition within the European Bachelor degree programme at University of Perugia (in the subjects Biochemistry, Biophysics and Bioinformatics) has widened. For the first time, the students of the First Faculty of Medicine started studying in this programme as well.

*Prof. MUDr. Jana Dušková, DrSc.
Vice-Dean for Education and Dentistry*

*Assoc. Prof. MUDr. Martin Vokurka, CSc.
Vice-Dean for Theoretical and Pre-Clinical Education*

*Assoc. Prof. PhDr. Michal Miovský, PhD.
Vice-Dean for Non-Medical Study Programmes*

*Prof. MUDr. Stanislav Štípek, DrSc.
member of the Dean's Board, in charge of e-learning*

*Assoc. Prof. MUDr. Petr Bartůněk, CSc.
member of the Dean's Board, in charge of life education*

*Prof. MUDr. Radomír Čihák, DrSc.
expert supervisor of Third-age University at the Faculty*

GRADUATES FROM CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE IN 2009

Graduation ceremony on 16th April 2009 at 10:30 a.m.

- In the Master degree programme of General Medicine, the following completed their studies with honours:
Daniela Šťastná, born in Ružomberok
- In the Master degree programme of General Medicine, the following completed their studies:
Karolína Baloghová, born in Michalovce
Petra Beitlová, born in Louny
Věra Bervingasová, neé Katrnošková, born in Kolín
Monika Bířesová, born in Zvolen
Jana Březinová, born in Jeseník
Denisa Hačková, born in Bratislava
Vladimír Hluchý, born in Myjava
Milan Hrobský, born in Bratislava
Marta Chalupská, born in České Budějovice
Daniela Kmoníčková, born in Prague
Dagmar Kolářová, born in Plzeň
Tomáš Konečný, born in Brno
Eva Kopecká, born in Cheb
Petr Kopřiva, born in Zlín
Eva Kryštůfková, born in Prague
Lucia Lúčanská, born in Ilava
Lenka Maďarová, born in Poprad
Marie Novotná, born in Turnov
Barbara Rusnoková, born in Třinec
Noelle Sidamon-Eristavi, born in Moscow

Graduation ceremony on 16th April 2009 at 12:00 (noon)

- In the Master degree programme of General Medicine, the following completed their studies:
Andrea Burdeláková, born in Prešov
Daniel Debnár, born in Košice
Kateřina Dundálková, born in Holešov
Zuzana Gašparová, born in Košice
Pavol Karakó, born in Královský Chlmec
Zoltán Kárpáty, born in Nové Zámky
Michaela Kindlová, born in Pelhřimov
Branislav Klimáček, born in Myjava
Martina Knotková, born in Uherské Hradiště
Jozefína Kušnířová, born in Košice
Ivana Mihalíková, born in Levoča
Dragana Muždeka, born in Jajce
Silvia Orbanová, born in Prešov
Bc. Miluše Ryjáčková, neé Holazová, born in Frýdek-Místek
Barbora Svobodová, born in Česká Lípa
Petr Škoda, born in Náchod
Michal Šurík, born in České Budějovice
Daniela Tomčová, born in Krupina
Teodora Vířová, born in Košice
Pavlaína Zborníková, born in Písek
- English parallel:
Mrigank Kumar Singh, born in Lusaka, Zambia
- In the Master degree programme of Stomatology, the following completed their studies:
Eva Čabrádková, born in Louny

Táňa Dresslerová, born in Opava
Jana Prchalová, born in Holešov

Graduation ceremony on 28th July 2009 at 10:30 a.m.

- In the Master degree programme of General Medicine, the following completed their studies with honours:
Václav Beyr, born in Prague
- Further in the Master degree programme of General Medicine, the following completed their studies:
Marta Pilar Bravo Salinas, born in Chillán, Chile
Markéta Čejková, born in Prague
Lenka Čížková, born in Písek
Zdeněk Fík, born in Prague
Veronika Hekelová, born in Vyškov
Eva Housková, born in Prachatice
Tomáš Indra, born in Brno
Václav Klíčník, born in Brno
Lucie Koláčková, born in Brno
Linda Košková, born in Turnov
Veronika Kratochvílová, neé Jelínková, born in Polička
Marie Kučerová, born in Nové Město na Moravě
Petra Meluzinová, born in Prague
Aleš Menhart, born in Jindřichův Hradec
Linda Mizerová, born in Prague
Nikol Mládková, born in Prague
Jana Mohelníková, born in Čeladná
Jakub Moravec, born in Cheb
Sylvie Richterová, neé Maršáková, born in Česká Lípa
Carola Cecilia Rocafuerte Avila, born in Guayaquil, Ecuador
Gabriel Jesús Rodríguez, born in Maracay, Venezuela
Petra Řeháková, born in Hustopeče
Eliška Salingerová, neé Edrová, born in Pelhřimov
Jan Sedláček, born in Chlumec nad Cidlinou
Miroslav Švábl, born in Náchod
Daniela Valentová, born in Prague
Tomáš Vomela, born in Jihlava

Graduation ceremony on 28th July 2009 at 12:00 (noon)

- In the Master degree programme of General Medicine, the following completed their studies with honours:
Lucie Baumruková, born in Prague
Lenka Chmelová, born in Opava
Jan Škrha, born in Prague
- In the Master degree programme of General Medicine, the following completed their studies:
Petr Bezděk, born in Bohumín
Yevgen Dzed, born in Tynda, Russia
Eva Freyová, neé Svitilová, born in Jihlava
Karolína Holířová, born in Ústí nad Labem
Helena Hrubantová, born in Prague
Jan Hříděl, born in Domažlice
David Janák, born in Prague
Miroslava Jarošířková, born in Košice
Michaela Jirků, born in Prague
Renata Junová, born in Kladno

Martina Justová, born in Ostrava
 Jana Katuščáková, born in Prešov
 Lenka Kopečková, born in Vyškov
 Peter Kovács, born in Komárno
 Lucie Mahdalíková, born in Uherské Hradiště
 Ladislava Machová, born in Brno
 Ivona Martínková, born in Pelhřimov
 Martin Michal, born in Písek
 Eva Nártová, born in Sokolov
 Dita Nývltová, born in Náchod
 Daniela Pavlisová, born in Prague
 Petr Pustějovský, born in Čeladná
 Alexandr Slunský, born in Třebíč
 Nina Stehlíková, born in Rakovník
 Barbora Steuerová, born in Havířov
 Hana Trhoňová, born in Prague
 Peter Varga, born in Snina
 Kateryna Vdovenko, born in Odessa, Ukraine
 Jolana Veselá, born in Havlíčkův Brod
 Gabriela Zvirinská, born in Košice

Graduation ceremony on 28th July 2009 at 1:30 p.m.

- In the Master degree programme of General Medicine, the following completed their studies:
 Magdalena Doktorová, born in Kyjov
 Irena Doležalová, born in Valtice
 Petra Durániová, born in Trstená
 Jaroslava Emmerová, born in Kadaň
 Věra Hanušová, born in Prague
 Marcela Hašková, born in Písek
 Lucia Havrlentová, born in Topolčany
 Hana Hruškovičová, born in Prague
 Lucie Jankovičová, born in Opava
 Filip Koubek, born in Chrudim
 Ondřej Krtek, born in Prague
 Pavla Krupková, born in Havlíčkův Brod
 Jaroslav Kudlička, born in Hodonín
 Milena Lužová, born in Znojmo
 Ondřej Pašek, born in Prague
 Jana Stehlíková, born in Hustopeče
 Zuzana Svobodová, born in Zlaté Moravce
 Jaroslava Šemotlová, born in Mariánské Lázně
 Štěpánka Šenkýřová, born in Jindřichův Hradec
 Karolína Šildová, born in Prague
 Miloslav Špaček, born in Olomouc
 Jana Šustková, born in Kroměříž
 Dana Švarcová, born in Prague
 Martina Švecová, born in Děčín
 Petra Tomášová, born in Bohumín
 Tereza Toušková, born in Prague
 Klára Váhalová, born in Rakovník
 Karin Vavrečková, born in Ostrava
 Monika Včelková, born in Skalica, Slovakia
 Hana Vitoušková, born in Frýdlant v Čechách
 Miloslava Vodolánová, born in Sokolov
 Barbora Vorlová, born in Stará Lubovňa
 Helena Vrtíšková, born in Benešov
 Jana Wehowská, born in Opava

Graduation ceremony on 28th July 2009 at 3:00 p.m.

- In the Master degree programme of General Medicine, the following completed their studies:
 Michaela Babánková, born in Pelhřimov
 Petra Benešová, born in České Budějovice

Ivana Biláková, born in Sokolov
 Vladimír Červeňák, born in Prague
 Tomáš Engel, born in Prague
 Michaela Faktorová, born in Považská Bystrica
 Ivana Flíčková, born in České Budějovice
 Filip Frühauf, born in Strakonice
 Fatima Galgóczyová, born in Královský Chlmec
 Tomáš Grega, born in Košice
 Marcela Hodovníková, born in Mladá Boleslav
 Martina Hrmová, born in Banská Bystrica
 Ludmila Jelínková, born in Písek
 Kateřina Jůzlová, born in Písek
 Zuzana Kajlichová, born in Piešťany
 Petra Kinkorová, born in Strakonice
 Kristýna Kloučková, born in Prague
 Tomáš Konvička, born in Bohumín
 Svatopluk Koščál, born in Prague
 Jana Kubánková, born in Hradec Králové
 Kateřina Matějů, born in Prague
 Dana Matoušková, born in Most
 Dagmar Myšíková, born in Děčín
 Andrej Paľa, born in Poprad
 Pavol Pavelka, born in Poprad
 Marek Pempl, born in Rychnov nad Kněžnou
 Vilma Rajchlová, born in Klatovy
 Kateřina Studničková, born in Písek
 Jarmila Šenkýřová, born in Mělník
 Petr Šmíd, born in Uherské Hradiště
 Mária Spáčilová, nee Troppová, born in Kežmarok
 Iva Ullmanová, born in Ostrava
 Barbora Zbiňovská, born in Prešov

Graduation ceremony on 28th July 2009 at 4:30 p.m.

- In the Master degree programme of General Medicine, the following completed their studies with honours:
 Josef Marek, born in Písek
- In the Master degree programme of General Medicine, the following completed their studies:
 Fredy Manolo Briñez Folleco, born in Popayán, Columbia
 Jana Čermáková, born in Banská Bystrica
 Anna Fečíková, born in Košice
 Katarína Floreánová, born in Bratislava
 Michaela Fujáková, born in Žilina
 Jiří Janů, born in Nové Město na Moravě
 Lucie Jarošová, born in Ostrava
 Andrea Jonášová, born in Litoměřice
 Zuzana Karpíšková, born in Prague
 David Kolář, born in Domažlice
 Jana Krajčiová, born in Banská Bystrica
 Jaroslav Krauskopf, born in Prague
 David Kříž, born in Prague
 Martin Kucbel, born in Banská Bystrica
 Irena Marešová, born in Liberec
 Jonathan Rajiv Menon, born in Stoke on Trent, Great Britain
 Tomáš Pokrivčák, born in Stará Lubovňa
 Radka Příbylová, born in Pelhřimov
 Tomáš Sklenář, born in Třinec
 Marta Svobodová, born in Kolín
 Zuzana Vaňová, born in Prešov
 Viktória Vraštiaková, born in Myjava
 Tomáš Zatrpa, born in Prague
 Vladimíra Zdráhalová, born in Varnsdorf
 Tereza Zýková, born in Kraslice

Graduation ceremony on 29th July 2009 at 9:00 a.m.

- In the Master degree programme of Stomatology, the following completed their studies with honours:
Petra Chmelerová, born in Rakovník
Marta Novotná, born in Trutnov
- Further in the Master degree programme of Stomatology, the following completed their studies:
Simona Blažková, born in Městec Králové
Yulia Dimitrienko, born in St. Petersburg, Russia
Eliška Feltlová, born in Uherské Hradiště
Edita Horká, born in Ivančice
Kateřina Chaloupková, born in Pardubice
Kateřina Chlumová, born in Trutnov
Zdeňka Kamenská, born in Sokolov
Michal Kovanda, born in Kadaň
Hynek Kříž, born in Ústí nad Labem
Ing. Jiří Lopatka, born in Prague
Dagmar Marčíková, born in Uherské Hradiště
David Mlynář, born in Ostrava
Pavla Novotná, nee Doležilová, born in Prague
MUDr. Hana Pokorná, born in Boskovice
Kristina Purkovic, born in Prilep, Macedonia
Pavel Rozhon, born in Prague
Marija Simakoska, born in Struga, Macedonia
Heda Svobodová, born in Prague
Kateřina Svobodová, born in Rakovník
Lubomír Šeda, born in Znojmo
MUDr. Jiří Šedý, Ph.D., born in Prague
Tereza Špringlová, born in Mělník
Jitka Tomíčková, born in Kladno
MUDr. Jaroslav Valach, born in Znojmo
Jana Vronská, born in Frýdek-Místek
Aleš Zápotocký, born in Slaný

Graduation ceremony on 29th July 2009 at 10:30 a.m.

- In the Master degree programme of Stomatology, the following completed their studies with honours:
Filip Šmucler, born in Prague
- Further in the Master degree programme of Stomatology, the following completed their studies:
Monika Brožová, born in Čáslav
Hana Domanjová, born in Rakovník
Lucie Dominová, born in Brandýs nad Labem
Tereza Filippou, nee Havlíčková, born in Humpolec
Tomáš Hanzelka, born in Prague
Michaela Hatoňová, born in Šumperk
Ludmila Hopianová, born in Prague
Barbora Chaloupková, born in Prague
Vít Káca, born in Písek
Magdaléna Kašparová, born in Vsetín
Ivana Kostelková, born in Litoměřice
Inka Krauzová, born in Chomutov
Katarína Kroňová, born in Banská Bystrica
Katarína Kubová, born in Prešov
Martina Kuštová, born in Pelhřimov
Zbyněk Matějka, born in Prague
Markéta Mercová, born in Frýdlant v Čechách
Roman Michejda, born in Český Těšín
Dagmar Miřejovská, nee Bahníková, born in Jeseník
Jaroslav Myšák, born in Ústí nad Labem
Bronislava Palkovská, born in Zlín
Kateřina Pauliniová, nee Šoltésová, born in Hranice na Moravě
Adéla Planerová, born in Chomutov
Jana Rimarovičová, born in Liberec

Pavel Ruml, born in Prague
Hana Slavíková, born in Prague
Eva Smrčková, born in České Budějovice
Lenka Stulíková, born in Sušice
Vojtěch Sukdolák, born in Kolín
Michal Šedivec, born in Teplice
Lucie Švébišová, born in Šumperk
Adam Tomek, born in Jindřichův Hradec

Graduation ceremony on 29th July 2009 at 12:00 (noon)

- In the Master degree programme of Stomatology, the following completed their studies with honours:
Kateřina Jílková, born in Karlovy Vary
Kristýna Kaskounová, born in České Budějovice
Zhanna Konovalenko, born in Poltava, Russia
Dana Votavová, born in Prague
- Further in the Master degree programme of Stomatology, the following completed their studies:
Miroslava Badíková, born in Žilina
Tereza Bicánková, born in České Budějovice
Zuzana Brejčáková, born in Poprad
Nikol Černecká, born in Ostrov nad Ohří
Jan Dvořáček, born in Prague
Klára Flajšmanová, born in Most
Bc. Pavel Friedel, born in Bílovec
Zuzana Hlavsová, born in Plzeň
Hana Hromádková, born in Prachatic
Jaroslava Jiráčková, born in Benešov
Nezar Khoury, narozený v Nazareth, Izrael
Libor Křikava, born in Pelhřimov
Petra Kubánková, born in Most
Anila Lato, born in Sarande, Albania
Tereza Masařová, born in Prague
Simona Nováková, born in Opočno
Markéta Omáčková, born in Nymburk
Jarmila Paděrová, born in Brandýs nad Labem
Blanka Pasteláková, born in Broumov
Jana Patíková, rozená Laudátová, born in Havlíčkův Brod
Renata Pexová, born in Havlíčkův Brod
Iana Semenova, born in Moskva, Russia
Eva Štampachová, born in Prague
Alice Šťastná, born in Jaroměř
Hana Částková, rozená Ungerová, born in Chomutov
Veronika Vávrová, born in Mladá Boleslav
Simona Voithová, born in Kutná Hora

Graduation ceremony on 29th July 2009 at 1:30 p.m.

- English Parallel Class
- In the Master degree programme of General Medicine, the following completed their studies:
Vineet Abbott, Croydon, London, Great Britain
Michelle Louise Collins, Stevenage, Great Britain
Ric Kealoha, Davao, Philippines
Matilda Anna Maria Lundblad, Katrineholm, Sweden
Bokang Calvin Lenyelet Maswabi, Gaborone, Botswana
Duduetsang Sylvia Moilwa, Kanye, Botswana
Marang Molotsi, Gaborone, Botswana
Mpapho Joseph Motsumi, Francistown, Botswana
Charalambos Nicolaou, Nicosia, Cyprus
Constantinos Michael Parpounas, Nicosia, Cyprus
Rajal Patel, London, Great Britain
Aaron Michael Rulseh, Appleton, USA
Jan Svoboda, Brno, Czech Republic
Balebanye Tlhaodi, Serowe, Botswana

- In the Master degree programme of Dental Medicine, the following completed their studies:
Inderpal Johal, Hounslow, Great Britain
Dhiran Modasia, London, Great Britain
Nisha Patel, Nottingham, Great Britain
Vishal Rana, Nottingham, Great Britain
Darina Shanshashvili, St. Peterburg, Russia
Gursharnpreet Singh Takhar, Wolverhampton, Great Britain

Graduation ceremony on 29th July 2009 at 3:00 p.m.

- In the Master degree programme of General Medicine, the following completed their studies:
Lenka Antalová, born in Humenné
Štefan Bálik, born in Krupina
Bc. Michaela Bártová, born in Ostrava
Kateřina Bobeková, born in Prague
Václav Brejtník, born in Kladno
Pavla Břízová, born in Rychnov nad Kněžnou
Lenka Černochová, born in Kladno
Jaroslav Halamka, born in Mělník
Eva Hurtíková, born in Ostrava
Jitka Chachajová, born in Ústí nad Labem
Jana Jordáková, born in Roudnice nad Labem
Ivana Kolníková, born in Myjava
Zuzana Krofová, born in Jilemnice
Jana Kučerová, born in Opava
Martin Matějka, born in Prague
Lucie Měsíčková, born in Uherské Hradiště
Miroslav Mikláš, born in Uherské Hradiště
Petra Moravcová, born in Havlíčkův Brod
Pavel Moravec, born in Prague
Miroslav Nulíček, born in Čáslav
Lenka Petruželková, born in Prague
Václav Sobek, born in Čeladná
Ladislav Sojka, born in Michalovce
Zuzana Stehlíková, born in Ústí nad Orlicí
Lucie Streitbergová, born in Prague
Helena Svačinová, born in Český Brod
Marta Ščipáková, nee Krajčovičová, born in Topolčany
Jan Šoupal, born in Havlíčkův Brod
Jiří Štefánek, born in Havlíčkův Brod
Marcela Šumanová, born in Prague
Barbora Tichá, nee Brejčáková, born in Stará Lubovňa
Markéta Vašků, born in Brno

Graduation ceremony on 26th November 2009 at 10:30 a.m.

- In the Master degree programme of General Medicine, the following completed their studies with honours:
Pavla Látalová, born in Přerov
- In the Master degree programme of General Medicine, the following completed their studies:
Hana Halajová, born in Lučenec
Jaroslav Jedlička, born in Varnsdorf
Mojmír Kafka, born in Martin
Jana Klčová, born in Trstené
Zuzana Kopová, born in Pardubice
Jaroslava Krempaská, born in Nová Baňa
Lucie Kriebelová, born in Prague
Šárka Maláková, born in Mělník
Klára Mašková, born in Kolín
Kamál Mezian, born in Roudnice nad Labem
Lenka Papoušková, born in Chrudim
Pavlík Ondřej, born in Krnov
Živorad Peševski, born in Skopje, Macedonia

Eva Podsedlá, born in Velký Krtíš
Veronika Polcová, born in Martin
Marcela Řeháková, born in Prague
Martina Stašková, born in Snina
Pavla Šustová, born in Prague
Pavel Trachta, born in Prague
Aneta Trčová, born in Olomouc
Ondřej Žiška, born in Frýdek-Místek

Graduation ceremony on 26th November 2009 at 12:00 (noon)

- In the Master degree programme of General Medicine, the following completed their studies:
Karin Dannenfeldtová, born in Ostrava
Zuzana Dukátová, born in Domažlice
Lenka Handerová, born in Košice
MUDr. Marek Hloušek, born in Zlín
Petra Hokůvová, born in Šternberk
Vendula Jandlová, born in Česká Lípa
Gabriela Kečková, born in Poprad
Mária Klein, nee Babinčáková, born in Trebišov
Alexandra Kmetová, born in Zvolen
Kamila Kožoušková, born in Příbram
Anna Lukáčová, born in Poprad
Markéta Lukšová, born in Nové Město na Moravě
Kateřina Malinová, born in Zlín
Lucie Novotná, born in Kadaň
Jozef Rendek, born in Košice
Roman Rusnák, born in Lučenec
Eliška Sedláčková, born in Třebíč
Barbora Skopalíková, born in Hnúst
Alena Soběslavská, born in Příbram
Jindřich Šmíd, born in Stod
Magdaléna Švábová, nee Čitková, born in Tábor
Zuzana Tóthová, born in Levica
Dana Vacíková, born in Prague
Alexander Varga, born in Prešov
Hana Veselá, born in Prague
Eliška Vobrůbová, born in Prague
Anna Zborovská, born in Poprad
Dagmar Zemanová, born in Ústí nad Labem

Graduation ceremony on 26th November 2009 at 1:30 p.m.

- In the Master degree programme of General Medicine, the following completed their studies:
Tereza Cvejnová, born in Písek
Nikol Čermáková, born in Třebíč
Bc. Rita Černíková, born in České Budějovice
Petra Dokládlová, born in Šumperk
Jozef Janošec, born in Žilina
Petra Ježková, born in Olomouc
Nikolaj Koršinskij, born in Uzhgorod, Ukraine
Mojmír Koščál, born in Prague
Karel Kuběna, born in Zlín
Jana Macháčková, born in Jindřichův Hradec
Alexandra Maršálková, born in Hranice
Iveta Pejchalová, born in Nové Město na Moravě
Jana Sabelová, born in Přerov
Alaa Shamasna, born in Jerusalem, Palestina
Barbora Šimůnková, born in Prague
Eva Šmidrkalová, born in Hořice v Podkrkonoší
Linda Šnajberková, born in Kladno
Kateřina Talašová, born in Vsetín
Oksana Tatynets, born in Veliké Lučky
Pavla Umhřohová, born in Louny

- In the Master degree programme of Stomatology, the following completed their studies:
Marta Jendelová, born in Ostrov nad Ohří
Irena Krejcarová, born in Žatec
Lenka Schořová, born in Ivančice
- In the Master degree programme of Dental Medicine, the following completed their studies:
Očenášková Jitka, born in Hořovice
Hana Halajová, born in Lučenec
Jaroslav Jedlička, born in Varnsdorf
Mojmír Kafka, born in Martin
Jana Klčová, born in Trstená
Zuzana Kopová, born in Pardubice
Jaroslava Krempaská, born in Nová Baňa
Lucie Kriebelová, born in Prague
Šárka Maláková, born in Mělník
Klára Mašková, born in Kolín
Kamál Mezian, born in Roudnice nad Labem
Lenka Papoušková, born in Chrudim
Ondřej Pavlík, born in Krnov
Živorad Peševski, born in Skopje, Macedonia
Eva Podsedlá, born in Velký Krtíš
Veronika Polcová, born in Martin
Marcela Řeháková, born in Prague
Martina Stašková, born in Snina
Pavla Šustová, born in Prague
Pavel Trachta, born in Prague
Aneta Trčová, born in Olomouc
Ondřej Žiška, born in Frýdek-Místek

Graduation ceremony on 26th November 2009 at 1:30 p.m.

- In the Master degree programme of General Medicine, the following completed their studies:
Tereza Cvejnová, born in Písek
Nikol Čermáková, born in Třebíč
Bc. Rita Černíková, born in České Budějovice
Petra Dokládálová, born in Šumperk
Jozef Janošec, born in Žilina
Petra Ježková, born in Olomouc
Nikolaj Koršinskij, born in Uzhgorod, Ukraine
Mojmír Koščál, born in Prague
Karel Kuběna, born in Zlín
Jana Macháčková, born in Jindřichův Hradec
Alexandra Maršálková, born in Hranice
Iveta Pejchalová, born in Nové Město na Moravě
Jana Sabelová, born in Přerov
Alaa Shamasna, born in Jerusalem, Palestina
Barbora Šimůnková, born in Prague
Eva Šmidrkalová, born in Hořice v Podkrkonoší
Linda Šnajberková, born in Kladno
Kateřina Talašová, born in Vsetín
Oksana Tatynets, born in Veliké Lučky
Pavla Umhřohová, born in Louny
- In the Master degree programme of Stomatology, the following completed their studies:
Marta Jendelová, born in Ostrov nad Ohří
Irena Krejcarová, born in Žatec
Lenka Schořová, born in Ivančice
- In the Master degree programme of Dental Medicine, the following completed their studies:
Jitka Očenášková, born in Hořovice

Graduation ceremony on 28th July 2009 at 9:00 a.m.

- In the Master degree programme of **specialization in health care, branch intensive care**, the following completed their studies with honours:
Bc. Ivana Kozlová, born in Brno
Bc. Jaroslav Pekara, born in Vsetín
- Further, in the Master degree programme of **specialization in health care, branch intensive care**, the following completed their studies:
Bc. Barbora Cvachoušková, born in Podbořany
Bc. Věra Černá, born in Plzeň
Bc. Petra Drahotová, born in Mladá Boleslav
Bc. Kristýna Hromířová, born in Prague
Bc. Veronika Hrušková, born in Prague
Bc. Lucie Krejčí, born in Dačice
Bc. Alena Lochmanová, born in Brandýs nad Labem
Bc. Adéla Němcová, born in Klatovy
Bc. Denisa Polívková, born in Rokycany
Bc. Monika Potěšilová, born in Šternberk
Bc. Zuzana Schánilcová, born in České Budějovice
Bc. Kateřina Slováková, born in Zlín
- In the Master degree programme of **specialization in health care, branch medical technology and informatics**, the following completed their studies:
Bc. Stanislav Brožík, born in Prague
Bc. Vít Caithaml, born in Kladno
Bc. Vojtěch Hána, born in Klatovy
Bc. Filip Mlynárik, born in Prague
Bc. Lukáš Množil, born in Šternberk
Bc. Tereza Petrová, born in Prague
Bc. Vojtěch Zdráhal, born in Rychnov nad Kněžnou
- In the Master degree programme of **nursing science, branch health teaching** for secondary schools, the following completed their studies:
Bc. Jana Jarošová, born in Mělník

Graduation ceremony on 26th November 2009 at 9:00 a.m.

- In the Master degree programme of **specialization in health care, branch intensive care**, the following completed their studies with honours:
Bc. Olga Fučíková, born in Tábor
Bc. Klára Jirousková, born in Jablonec nad Nisou
Bc. Andrea Miltnerová, born in Ústí nad Labem
Bc. Marie Nettlelová, born in Prague
Bc. Petra Svatošová, born in Chomutov
Bc. Zuzana Vagnerová, born in Kolín
- Further, in the Master degree programme of **specialization in health care, branch intensive care**, the following completed their studies:
Bc. Kateřina Bourková, born in Frýdek-Místek
Bc. Marcela Brožková, born in Prague
Bc. Ivana Burošová, born in Ružomberok
Bc. Andrea Haklová, born in Liptovský Mikuláš
Bc. Jašek Kamil, born in Uherské Hradiště
Bc. Lucie Juzová, born in Prague
Bc. Zuzana Ksandrová, born in Beroun
Bc. Eva Pavelková, born in Frýdlant v Čechách
Bc. Eva Pfefferová, born in Česká Lípa
Bc. Jana Pidrmanová, born in Ústí nad Labem
Bc. Hana Reichelová, born in Valašské Meziříčí
Bc. Jana Swárovská, born in Prague
Bc. Veronika Šutoriková, born in Karlovy Vary

- In the Master degree programme of **specialization in health care, branch medical technology and informatics**, the following completed their studies:
Bc. David Fiřt, born in Prague
Bc. Lenka Jakubův, born in Prague
Bc. Michal Nosek, born in Vsetín
Bc. Jan Šitina, born in Hradec Králové
Bc. Miroslava Vágnerová, born in Děčín

Graduation ceremony on 22nd July 2009 at 9:00 a.m.

- In the Bachelor degree programme of **nursing science, branch nursing**, the following completed their studies with honours:
Petra Doucková, born in Jihlava
Lucie Firichová, born in Zlín
Monika Todorová, born in Jihlava
- Further, in the Bachelor degree programme of **nursing science, branch nursing**, the following completed their studies:
Petra Absolonová, born in Prague
Katarína Bariová, born in Rimavská Sobota
Iveta Borecká, born in Chomutov
Katarína Brostíková, born in Snina
Veronika Černá, born in Benešov
Iva Dubcová, born in Varnsdorf
Jarmila Dudíková, born in Hranice
Anna Dunajová Jurčová, born in Poprad
Drahomíra Hamplová, born in Prague
Šárka Chotová, born in Hořovice
Olga Chrástková, born in Uherské Hradiště
Jana Jandová, born in Jilemnice
Barbora Jírešová, born in Kolín
Alena Kašajová, born in Uherské Hradiště
Lucia Kašinová, born in Bardejov
Petra Patricie Kolesárová, born in Prague
Zuzana Kosová, born in Kladno
Kamila Kresáčková, born in Česká Lípa
Jaroslava Langerová, born in Chomutov
Martina Macháčková, born in Chomutov
Zuzana Máchová, born in Bratislava
Petra Marešová, born in Chomutov
Renáta Mertová, born in Prague
Veronika Nováková, born in Dačice
Daniela Petrášová, born in Litoměřice
Jana Pyskatá, born in Prague
Markéta Skálová, born in Slavičín
Petra Sztoláriková, born in Roudnice nad Labem
Lucia Tomášová, born in Humenné
Milena Tůmová, born in Liberec
Šárka Vojtková, born in Vejprty
Lucie Vrlíková, born in Jilemnice

Graduation ceremony on 22nd July 2009 at 10:30 a.m.

- In the Bachelor degree programme of **nursing science, branch nursing**, the following completed their studies:
Linda Bátorová, born in Jindřichův Hradec
Lucie Dvořáčková, born in Náchod
Lenka Hasalová, born in Kladno
Lucie Hendrychová, born in Žatec
Petra Hermanová, born in Náchod
Šárka Hroudová, born in Písek
Lenka Kopřivová, born in Tábor
Ludmila Pöllnerová, born in Trutnov
Kateřina Pospíšilová, born in Prague
Lucie Řeháková, born in Náchod

Dana Štrosová, born in Hradec Králové
Veronika Tichá, born in Český Brod

- In the Bachelor degree programme of **specialization in health care, branch addicctology**, the following completed their studies:
Michaela Bartáková, born in Prague
Veronika Konečná, born in Prague
Lenka Mlejnková, born in Benešov
Jana Brabcová, born in Nové Město na Moravě
Miluše Mazalová, born in Prague
Lucie Mužíková, born in Prague
Karolina Perglová, born in Prague
Michal Danda, born in Prague

Graduation ceremony on 22nd July 2009 at 12:00 (noon)

- In the Bachelor degree programme of **specialization in health care, branch physiotherapy**, the following completed their studies:
Zuzana Bestová, born in Prague
Dominika Bílá, born in Prague
Michal Boudný, born in Děčín
Kateřina Eisenhammerová, born in Prague
Roman Hányš, born in Kraslice
Jan Jiráň, born in Prague
Kieu Thi Thanh Hai, born in Ha Tay, Vietnam
Katrín Kohlová, born in Zábřeh
David Kodera, born in Strakonice
Markéta Kořínková, born in Čáslav
Jana Kříhová, born in České Budějovice
Darina Mašíková, born in Prague
Barbara Ouvínová, born in Prague
Roman Papáček, born in Ústí nad Orlicí
Jana Pavlů, born in Zábřeh
Andrea Pažoutová, born in Turnov
Anna Plobstová, born in Ústí nad Labem
Marie Rybníčková, born in Hořice
Ammar Sanallah, born in Naharia, Izrael
Markéta Svatá, born in Jilemnice
Marcela Šafářová, born in Třebíč
Dominika Šípková, born in Ostrov
Lucie Školová, born in Plzeň
Lenka Tichá, born in Prague
Pavlína Timpelová, born in Frýdlant v Čechách
Lenka Vlková, born in Jičín

Graduation ceremony on 22nd July 2009 at 1:30 p.m.

- In the Bachelor degree programme of **specialization in health care, branch occupational therapy**, the following completed their studies with honours:
Jaromíra Uhlířová, born in Turnov
- Further, in the Bachelor degree programme of **specialization in health care, branch occupational therapy**, the following completed their studies:
Barbora Benešová, born in Prague
Magdalena Bodláková, born in Prague
Pavla Drábecková, born in Prague
Daniela Drobílková, born in Prague
Michaela Dvořáková, born in Mladá Boleslav
Zdeňka Chodlová, born in Strakonice
Markéta Jirková, born in Opočno
Zuzana Kerdíková, born in Prague
Šárka Povolná, born in Vlašim
Zuzana Relichová, born in Mělník
Eva Stejskalová, born in Chrudim

Pavlaína Svozílková, born in Kroměříž
 Věra Šulcová, born in Mělník
 Martina Železná, born in Přílepy

- In the Bachelor degree programme of **specialization in health care, branch medical technology**, the following completed their studies:
 Gabriela Hodková, born in Prague
 Tomáš Jindra, born in Jilemnice
 Antonín Procházka, born in Beroun
 Petra Rubášová, born in Plzeň
 Jakub Slanina, born in Dvůr Králové nad Labem
 Jan Zeman, born in Čáslav

Graduation ceremony on 19th November 2009 at 10:30 a.m.

- In the Bachelor degree programme of **specialization in health care, branch addictology**, the following completed their studies with honours:
 Anna Franková, born in Prague
- Further, in the Bachelor degree programme of **specialization in health care, branch addictology**, the following completed their studies:
 Ing. Vendula Běláčková, born in Prague
 Eva Drápalová, born in Prague
 Nela Höschlová, born in Prague
 Veronika Kučerová, born in Beroun
 Kateřina Macháčová, born in Liberec
 Jitka Matějková, born in Sušice
 Kristina Mikulenkova, born in Česká Lípa
 Kristýna Piskáčková, born in Příbram
 Tereza Skučková, born in Prague
 Jana Slavíčková, born in Prague
 Eva Svačinková, born in Prague
 Karolína Svobodová, born in Roudnice nad Labem
 Tereza Šimonová, born in Prague
 Kristýna Valová, born in Ostrava
 Zuzana Zástěrová, born in Kutná Hora
 Jiří Zatřepálek, born in Kutná Hora

Graduation ceremony on 19th November 2009 at 12:00 (noon)

- In the Bachelor degree programme of **nursing science, branch nursing**, the following completed their studies with honours:
 Helena Jeřábková, born in Litoměřice
- Further, in the Bachelor degree programme of **nursing science, branch nursing**, the following completed their studies:
 Martin Čermák, born in Sokolov
 Olga Samcová, born in Prague
 Marcela Šebestová, born in Broumov
- In the Bachelor degree programme of **specialization in health care, branch occupational therapy**, the following completed their studies:
 Lenka Hastíková, born in Prague
 Lenka Kubátová, born in Jilemnice
 Vladislava Rusková, born in Prague
 Alice Tomková, born in Trutnov
 Magdalena Bodláková, born in Prague
 Petra Hladíková, born in Prague
- In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:
 Dagmar Ksandrová, born in Beroun
 Monika Pazderová, born in Hradec Králové
 Eva Pospíšilová, born in Olomouc
 Veronika Süsserová, born in Ústí nad Orlicí
- In the Bachelor degree programme of **specialization in health care, branch medical technology**, the following completed their studies:
 Jaroslav Jurn, born in Jilemnice
 Vladimír Koblasa, born in Prague
 Anna Módos, born in Győr, Hungary
 Monika Moravcová, born in Pelhřimov

INTERNATIONAL STUDENTS

The education of self-paying international students represents, on one hand, a considerable source of finances for the Faculty but – above all – it is the symbol of the fact that the University opened to the world after 1989. The more than fifteen years' experience in teaching in English language has proved the correctness of the policy. Moreover, the admission of the Czech Republic to the European Union (1st May 2004) facilitated the recognition of diplomas and students' visas within EU, which increased the attractiveness of English-taught programmes in medicine and dentistry. The growing number of those interested in the studies as well as those actually studying at the Faculty is documented in the charts and diagrams below. Tuition in English is also important for the programmes of international exchange. This has lately been reflected in the increased

number of students coming from abroad within Erasmus and Socrates programmes. The reason is that tuition in English enables them to take a part of their studies at our Faculty, which – in turn – contributes to the prestige of the First Faculty of Medicine abroad and also increases the number of students in Czech classes who can travel abroad within the programmes of international exchange and experience some part of their studies at a foreign university. On the other hand, however pleasing the number of applicants for an exchange stay at the Faculty is, it has already achieved such a level that it requires some regulation in case it exceeds our teaching capacities, particularly at clinical units.

The proportion of our full-time students coming from particular continents is visualised in the enclosed diagrams and in the

chart. An overwhelming majority are students from European countries, whose number has dramatically increased thanks to the Faculty's standing efforts aimed at drawing attention to the Faculty in EU countries, including our presentations at international events organized to highlight the possibilities of university-level education in Europe, but also – no doubt – with the above mentioned admission of the Czech Republic to EU. Another crucial change in the composition of the English-taught parallel class, however, is the continuous increase in students from North America and Africa, and since 2006 from Asia as well, particularly from Malaysia but recently from India and Taiwan as well. This is, after all, in accord with the policy of the management of the Faculty to focus more on non-European students in future. This was mainly due to the agreement with the government of Botswana, which had decided to include our Faculty – apart from medical faculties in the Republic of South Africa, Australia and Ireland – among those where their prospective doctors are placed to study medicine. Besides this agreement, also the talks with the Ministry of Health of Malaysia in 2008 eventually resulted in recognition of our diplomas in that country as well and – therefore – in the chance of our graduates to practise medicine there, and in the possibility of Malaysian students to study at our faculty. Last year, these negotiations continued to extend the scope of our Faculty's diplomas recognized to those issued for the field of Dentistry.

Also the last year's entrance examinations, which took place in Kuala Lumpur in April 2009, and the high number of more than 70 applicants demonstrated an extraordinary interest in the studies of



*Prof. MUDr. Otomar Kittnar, CSc., MBA
Vice-Dean for International Students and Social Affairs*

medicine at our faculty, and clearly indicated that this geographic region in particular is an important potential market in the sphere of education. This is the reason why the recognition of our diplomas in the field of Dentistry might enhance the attractiveness of the Faculty in the said region. Malaysia, however, is not the only Asian country we would like to gain students from: following a series of talks, a contract was signed with an agency to represent the Faculty in Taiwan, and in June the entrance interviews for applicants from Taiwan were already organized for the second time. For the first time the entrance examinations took place in Sweden and Israel, and a contract was signed with an agency to represent the Faculty in Spain and Spanish speaking countries of South America. Negotiations are in progress concerning contracts for China and some post-Soviet countries. The list of entrance interviews held in the past year for applicants for English parallel classes is given in a chart.

The main issue concerning the self-paying international students that the Faculty has been concerned with in the past years is the problem of quality, both of the educational process itself and of the students, who – in future – will give the picture of the quality of the education at the Faculty. This, again, is connected with the above mentioned higher number of those interested in the studies at the Faculty and the better choice from the prospective students. The ratio of the students who underwent the entrance interview to those who passed successfully is documented in the diagrams and charts.

In 2009, the First Faculty of Medicine continued the long-established co-operation with the foundation in Great Britain which helps secondary students in preparation for university-level studies. For those interested in the studies of medicine we organized lectures and practical classes in Great Britain, and we participated in big trade-fair events with presentations for prospective stu-

dents and for their parents in Great Britain, Norway and Malaysia. In the summer months – like in the previous years – we organized a visit at the Faculty for those interested in the studies. We intend to hold this event in the coming years as well, and in 2008 we also – traditionally – prepared the visit for potential students and their parents, within the Open Days of English-taught study programmes. In addition we established the tradition of an extra Open Day in spring for those students who take part in the preparatory course for our Faculty's entrance interviews, which was held in Great Britain. Four of our international students also participated successfully in a contest concerning the knowledge of human physiology, which took place in Malaysia.

Like in the Czech-taught classes, education in the five-year programme of dentistry has also been provided in English for four years. This programme gradually replaces the former six-year programme of stomatology. This change is of much importance from the point of view of international students, mainly because of recognition of our diplomas in the field of dentistry, and – logically – boosts the interest in this programme of studies among international students.

Another important step was the establishment of an own organization of international self-paying students in 2001, which is in close contact with both Czech students' activities and the Faculty management. In 2009 this organization further developed its activities, including the publication of its proceedings at the website of the Faculty. The students' organization organized several own events, including the 1st International Medical Students' Ball. Also co-operation between the students' organization and the Department of Students' Affairs expanded, which considerably enhances the quality of our presentations abroad and facilitates the start of studies for the fresh first-year students, when more experienced colleagues come to their assistance and help them to get oriented at the Faculty.

*Prof. MUDr. Otomar Kittnar, CSc., MBA
Vice-Dean for International Students and Social Affairs*

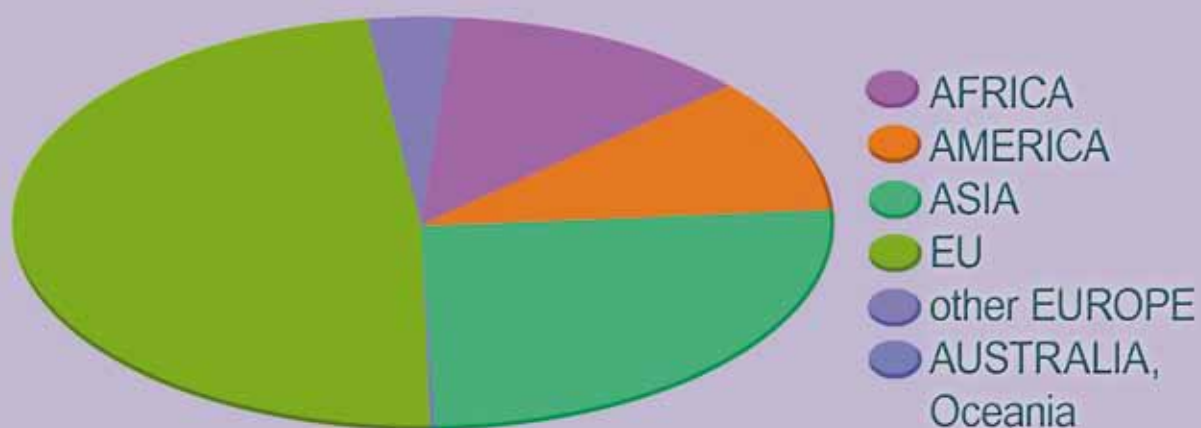
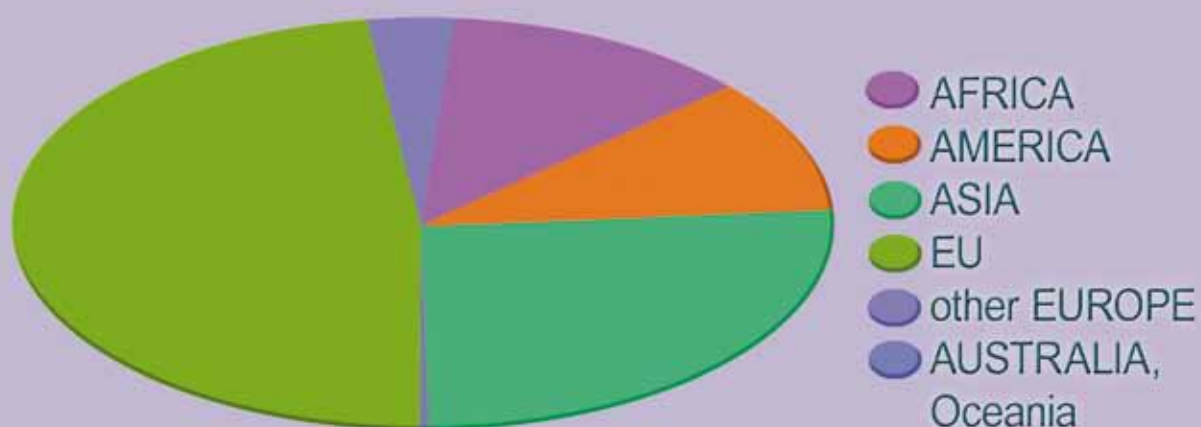
Entrance interviews for the English-taught classes in 2009

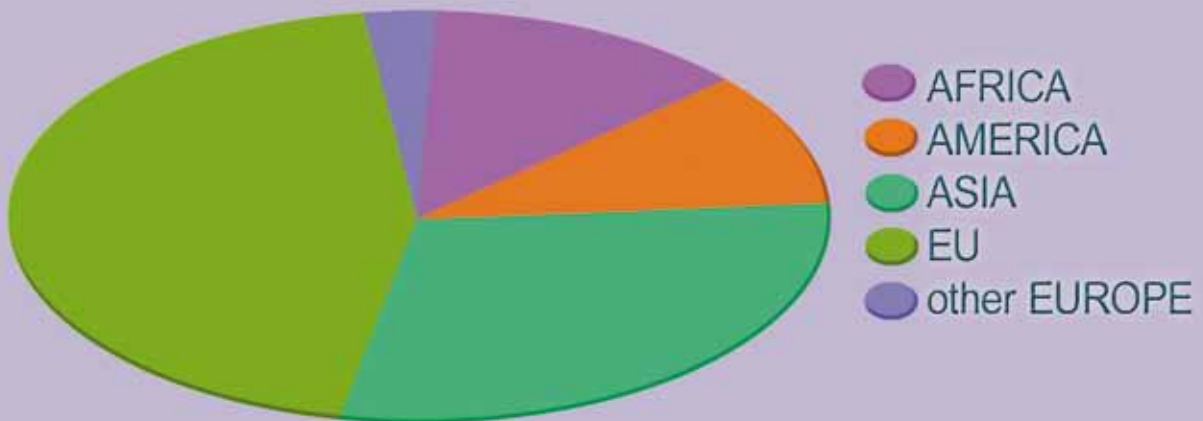
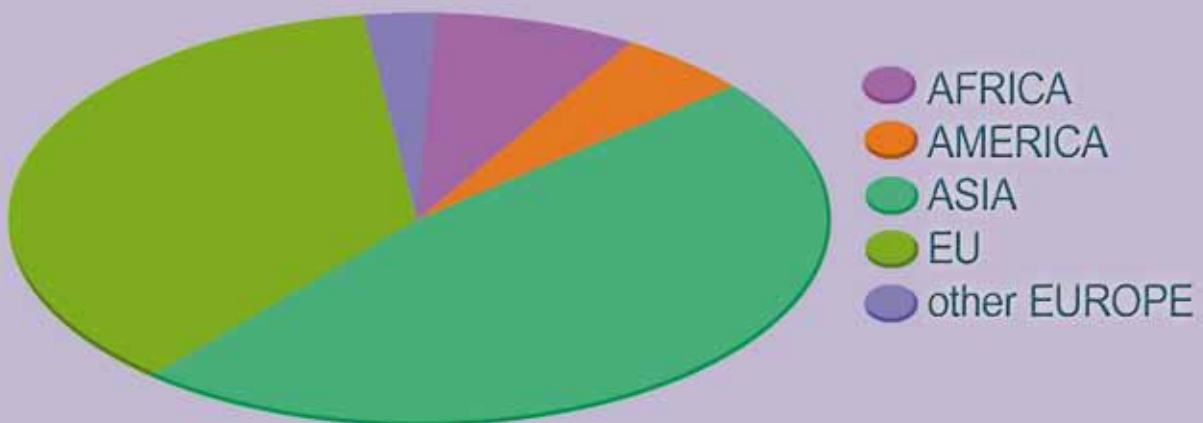
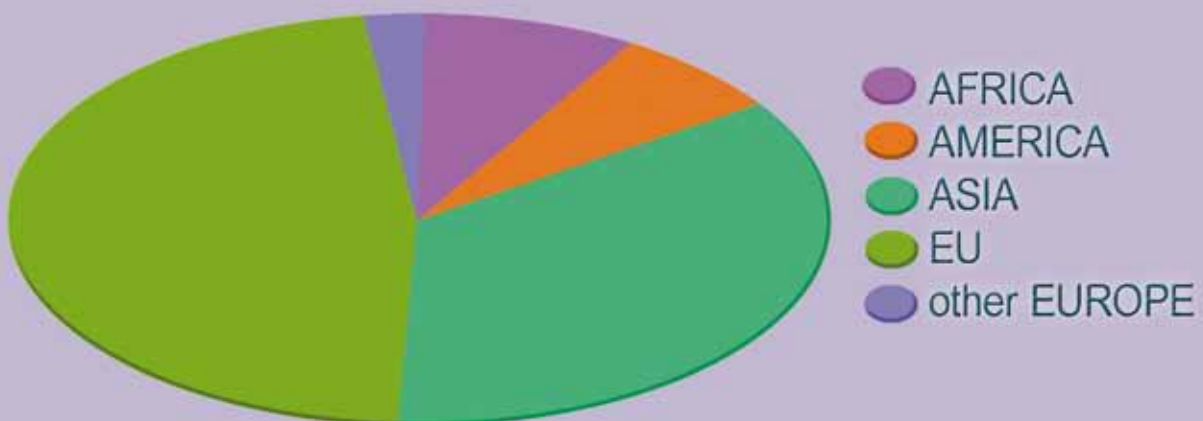
country		applied	examined	admitted: medicine	admitted: dentistry	total
Malaysia	April	73	72	35	1	36
Portugal	May	11	10	3	0	3
Sweden	May	12	10	4	0	4
Norway	May	31	17	2	0	2
Israel	May	14	14	6	1	7
UK	June	25	21	8	5	13
Botswana	June	26	26	8	10	18
Czech Rep.	June	47	47	20	5	25
Taiwan	June	15	10	2	1	3
Greece	July	27	18	6	3	9
India	July	5	2	1	0	1
Cyprus	July	51	46	19	7	26
Sweden	August	6	4	3	0	3
UK	August	33	29	8	1	9
Israel	September	6	6	3	0	3
Czech Rep.	September	48	33	2	0	2
Sweden	September	12	12	2	0	2
USA	all year	20	20	6	0	6
total		462	397	119	33	152

Students in English-taught programmes in the academic year of 2009-2010 (table)

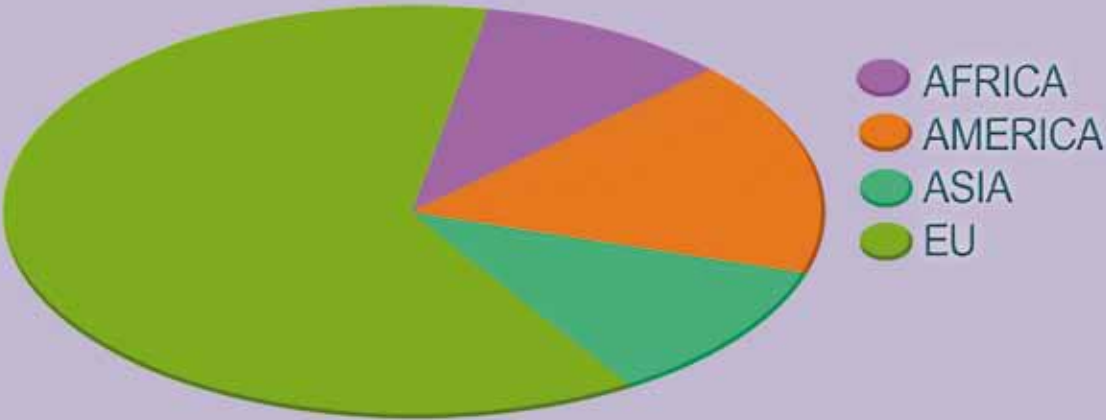
	AFRICA	AMERICA	ASIA	AUSTRALIA AND OCEANIA	EU	other EUROPE	total
1 st year	18	11	57	1	82	2	171
2 nd year	17	8	33	0	49	3	110
3 rd year	6	4	38	0	27	2	77
4 th year	6	5	21	0	30	1	63
5 th year	6	4	6	0	42	0	58
6 th year	6	7	5	0	33	3	54
	59	40	160	1	262	11	533

ALL STUDENTS

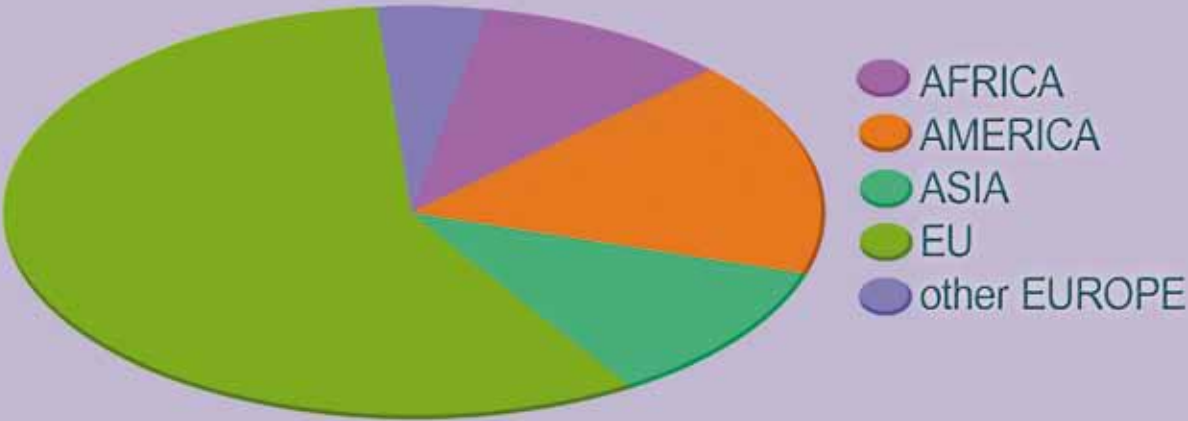
1ST YEAR

2ND YEAR3RD YEAR4TH YEAR

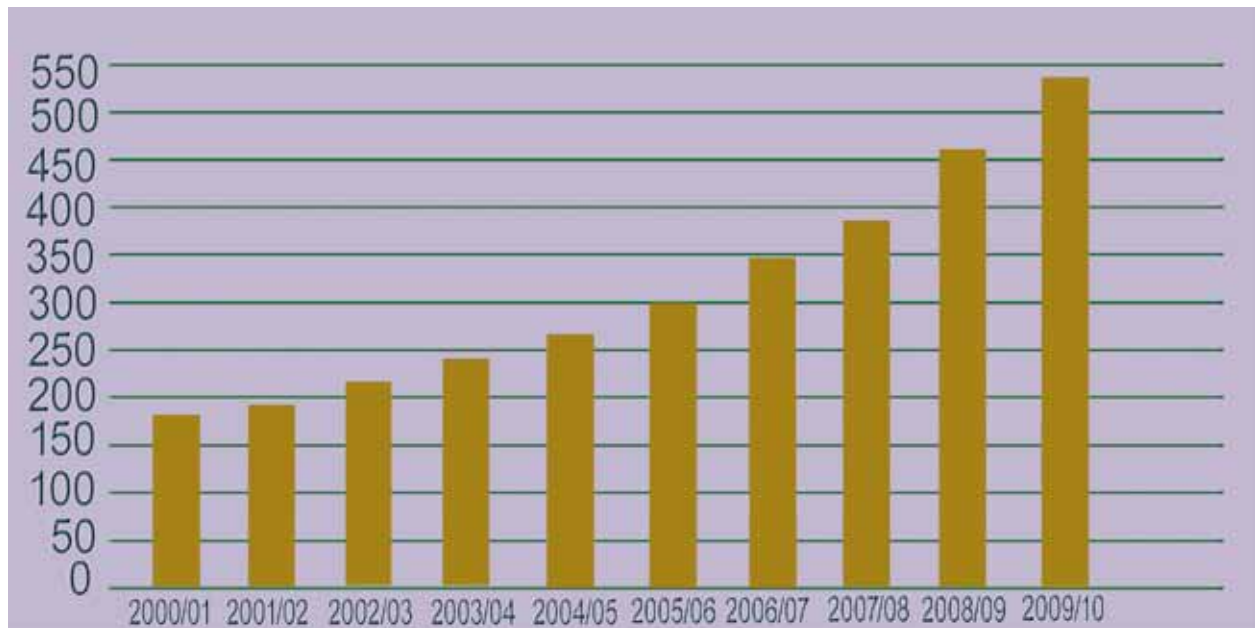
5TH YEAR



6TH YEAR



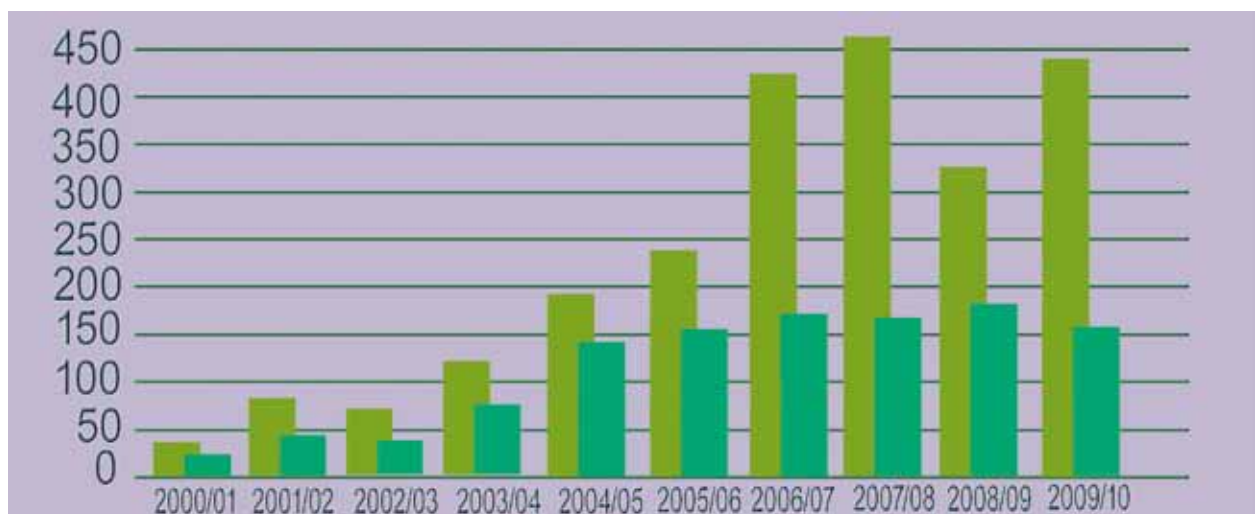
Number of students in English-taught classes in the past 10 years



Number of applicants who attended entrance interviews and those who enrolled in the English-taught programmes of studies (table)

	applicants	enrolled
2000-2001	41	28
2001-2002	66	49
2002-2003	61	46
2003-2004	110	78
2004-2005	198	98
2005-2006	231	101
2006-2007	389	114
2007-2008	403	112
2008-2009	318	128
2009-2010	397	152

Number of applicants who attended entrance interviews and those who enrolled in the English-taught programmes of studies (diagram)



CLINICAL TEACHING

2009 was an important year from the aspect of clinical teaching. One of the new phenomena of the year was the purchase and use of more new teaching aids such as training machines and simulators.

At the Department of Ophthalmology, for instance, three new models of the eye came into use, and for the Department of Sports Medicine the equipment for Holter monitoring of blood pressure and Holter monitoring of ECG was obtained. These appliances enable a better care of sportsmen, concerning prevention of sudden death on the sports ground. Together with some other establishments of the Faculty the Institute is trying to become a FIFA Medical Centre of Excellence. They published the book "Uveitides" by E. Říhová et al. in the Grada publishing house.

The Institute of Clinical Biochemistry and Laboratory Medicine started to use new training machines for taking venous blood samples and displayed more than fifty materials in the Wikiscrita of the First Faculty of Medicine.

At the Department of Urology a new training machine came into use for digital per rectum examination as well as for percutaneous surgeries of the kidney and transurethral endoscopy.

At the Department of General Medicine tuition of theoretical subjects is now performed at the new premises of the Institute. Further developed was the practical training in surgeries of the general practitioner tutors. To establish and equip a model general practitioner's surgery at the new site of the Institute, a charity collection was done among general practitioners. The colleagues

in primary care raised CZK 363,184 among themselves, and the donations by pharmaceutical companies amounted to CZK 222,000.

From the 1st Department of Orthopaedics of the First Faculty of Medicine, located at the Motol Teaching Hospital, the paper Material properties of explanted UHMWPE components by P. Fulín et al. arose, which was awarded as the best presentation is the post-graduate clinical section of the 10th Students' Scientific Conference of the Faculty. At the Department of Otorhinolaryngology the same award was won by M. Urbanová et al. for their Genetic analysis of spinocellular carcinomas of the head and neck.

As the 1st Department of Tuberculosis and Respiratory Diseases has not possessed any patient beds since May 2009, no clinical teaching can be performed there. For this reason the staff members teach at the Department of Pneumology at the Thomayer Teaching Hospital, where an ICU was put into exploitation in January 2009, equipped with a suction ventilator, a laboratory for breathing disturbances during sleep was open, and thanks to the grant from Norwegian funds the premises were equipped with a new x-ray and bronchoscopes etc.

At the Department of Phoniatrics, a programme is prepared in co-operation with the Czech Technical University, aimed at investigation of the voice field, and a multimedia educational dictionary of voice disorders; further they provide teaching materials for the Association of Clinical Speech Therapy and diagnostic software for patients with cochlear implants (lip-reading test).



Prof. MUDr. Tomáš Hanuš, DrSc.

Vice-Dean for Clinical Education and Postgraduate Studies

At the Department of Psychiatry, in co-operation with the Department of Neurology, the research project MSM0021620849 "Neuropsychiatric aspects of neurodegenerative diseases", allotted by the Ministry of Education, Youth and Physical Culture for the period of 2007-2013, was in progress. Also continued the joint project with the Zentiva corporation "Influence of pharmacologically different antidepressants on synaptic transmission of signals".

The Institute of Hygiene and Epidemiology issued the textbook Hygiene of nutrition and nutritional epidemiology.

At the Institute of Forensic Medicine and Toxicology the programme of educational microphotographs of histological specimens, demonstrating selected changes in natural and violent death, is being developed.

The Institute of Sports Medicine started co-operating with the Faculty of Humanitarian Studies in the grant project by the Grant Agency of the Czech Republic "Possible link between physical fitness, health status and attractiveness in cross-cultural perspective" – grant number GAČR 406/09/0647(2009-2012).

At the Department of Dermatology and Venereology, the publication Dermatovenerology by Štark et al. was awarded the 2008 prize of the Rector of Charles University in medical and pharmaceutical sciences, and the monograph Case study repetitory of Czechoslovak dermatology by Plzáková et al. was published at Mladá fronta publishing house.

At the 1st Medical Department there was a successful upgrade of the lecture hall under the grant project RP 09 "Equipment of the lecture hall of the 1st Medical Department with transmission and projection appliances for the purpose of teaching and scientific research presentations". This technology substantially enhanced the quality of presentations as is fully made use of both in teaching and presenting scientific knowledge and information.

The Department of Oncology participates in the European Union project called "Standards for undergraduate education in oncology: Pathway to promotion of quality and competitiveness of the graduates of medical faculties on the labour market". The project, financed by the European Social Fund under the operating programme "Prague – Adaptability", is aimed at higher quality and effectiveness of the tuition of oncology at the First Faculty of

Medicine. At a time it is meant to get the whole Czech education in oncology closer to the European curriculum through drafting a qualification and training standard for postgraduate studies in the field.

In 2009 the historical section of the Institute of History of Medicine and Foreign Languages was moved from the rooms at 32 Kateřinská to the reconstructed building at 4 U Nemocnice. A difficult problem consisted in safe transfer of the valuable historic library collection, including several thousands of rare old volumes, which were packed by the staff of the Institute with their own hands into 1,200 boxes, and again unpacked and re-arranged in the new depository rooms, with some help from volunteers this time.

The complete renovation of the Intensive Care Unit at the Department of Paediatrics also included a new lecture hall with more seats for students and built-in computer, projector and sound system technology.

Under the project CZ 0142, erection of the new Complex Care Centre for perinatally challenged children was started at the Paediatric Care premises at Karlov, within the programme Financial mechanisms of European Economic Space and Norway, priority area 4 (Health service and children care), priority 4.2 "Support programmes for children with specific problems". The goal of the project is to establish the necessary premises including the adequate technological and personnel support, which is required to launch the programme of complex care of perinatally challenged children. The total budget of the project amounts to EUR 832,792.

The Institute of Nuclear Medicine has experienced a difficult year, crowned with eventual success in competition for PET/CT for the General Teaching Hospital; this will certainly be a great benefit for our students as well (PET has so far been available for students only in teaching hospitals in Olomouc, Plzeň and Pardubice – but not in Prague).

In 2009 principal teachers of particular clinical subjects prepared the requirements for re-arrangement of the curriculum of training in the coming years, passed by the Dean's Office Board, Scientific Board and Academic Senate of the First Faculty of Medicine of Charles University.

*Prof. MUDr. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Education and Postgraduate Studies*

EVALUATION OF TUITION BY STUDENTS

The Board for Evaluation of Tuition included teachers' representatives – Assoc. Prof. Eva Havrdová, Prof. Otomar Kittnar, Prof. Aleksi Šedo, Dr. Pavel Šnajdr, Dr. Tomislav Švestka – as well as representatives of the students – Jakub Albrecht, Dr. Marek Hilšer, Dr. Jiřina Hoffmannová, Martin Klein, Pavel Rutar.

Evaluation of tuition by the students has been marked by some substantial changes in the academic year 2005-2006, as it was done electronically for the first time. In the following years this was repeated, and at a time the previous year's results were analyzed. Since the academic year 2007-2008 the evaluation has been performed through the electronic form of data collection and processing within the student information system (SIS). In the academic year 2008-2009 the data collection was commenced in October 2008 and finished in October 2009. The first processed sets of data were given to the Board in November 2009, and in the same month the basic sets were passed to the Dean's Office Board. The students of all years and fields of study who took part in the evaluation between May and October 2009 were 1,140 in number (compared to 527 students in the academic year 2007-2008). Regrettably, even this number can hardly be judged as fully satisfactory and – like in the previous academic year – affects the representativeness of the results. On the other hand, the increase in the number of respondents is remarkable and may well indicate more interest in evaluation of teaching among the students. Like in the past years, the Board particularly focused on analysis of the students' repeated complaints, as at least those

factors that the students mind again and again can certainly be held relevant. This analysis showed that the main reasons for complaints in the past years had been eliminated, which was reflected in better scores for nearly all aspects of tuition except for the web pages.

The questionnaire in electronic form, incorporated in the Student Information System (SIS), which facilitates the students' access to the forms for evaluation of particular subjects and institutions, has been left virtually unchanged on purpose, so that results of the evaluation can be compared with the year before. The academic community is informed of the results of the evaluation on the Faculty's web pages as well as through direct information for all Faculty units (whose Heads have received a complete survey of evaluation of their institution and staff) and relevant bodies of the Faculty. The main advantage of this system is undoubtedly the unified pattern of the forms, and therefore the possibility of comparison between particular units (some question being naturally specific for theoretical and clinical fields).

Besides this evaluation, some "local" questionnaires survive, prepared and distributed to students by particular Faculty units either during the study or after the completion of the respective subject. Their advantage is the fact that they can be "tailored" to the specific needs of tuition at the given institution. And, last but not least, chat pages have arisen on the websites of some Faculty institutions and quickly gained popularity. Their main advantage, in turn, is the swiftness, flexibility and interactivity.

*Prof. MUDr. Otomar Kittnar, CSc.
Vice-Dean for International Students and Social Affairs*



In 2009 the 10th annual students' scientific conference took place.

POSTGRADUATE STUDIES

2009 was a very important year in the sphere of doctoral studies of biomedical sciences in the Czech Republic, and in the aspect of administration a really demanding one for all the institutions involved, including the First Faculty of Medicine. Basing on the approved four-year duration of the studies, new enrolment of all students in this form of studies had to be done. In 2009 again the interest in doctoral studies of biomedical sciences at the Faculty increased. Currently the Faculty possesses accreditations for 19 programmes in Czech language and 17 programmes in English, most of them being confirmed up to the academic year 2016-2017.

DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS

- Molecular and Cellular Biology, Genetics and Virology
Prof. RNDr. Stanislav Zdražil, DrSc., Faculty of Natural Science, Prague
- Cell Biology and Pathology
Prof. MUDr. Milan Elleder, DrSc., First Faculty of Medicine, Prague
- Biomedical Informatics
Prof. RNDr. Jana Zvárová, DrSc., First Faculty of Medicine, Prague
- Developmental Biology
Doc. RNDr. Josef Nedvídek, CSc., Faculty of Natural Science, Prague
- Biochemistry and Pathobiochemistry
Prof. MUDr. Jiří Kraml, DrSc., First Faculty of Medicine, Prague
- Human Physiology and Pathophysiology
Prof. MUDr. Jaroslav Pokorný, DrSc., First Faculty of Medicine, Prague
- Immunology
Doc. RNDr. Vladimír Holáň, DrSc., Faculty of Natural Science, Prague
- Microbiology
RNDr. Jaroslav Weiser, CSc., Institute of Microbiology of Academy of Sciences of the Czech Republic
- Neurosciences
Prof. MUDr. Karel Šonka, DrSc., First Faculty of Medicine, Prague
- Pharmacology and Toxicology
Prof. MUDr. Sixtus Hyníe, DrSc., First Faculty of Medicine, Prague
- Medical Biophysics
Prof. MUDr. RNDr. Jiří Beneš, DrSc., First Faculty of Medicine, Prague
- Parasitology
Doc. RNDr. Jaroslav Kulda, CSc., Faculty of Natural Science, Prague
- Experimental Surgery
Prof. MUDr. Jaroslav Živný, DrSc., First Faculty of Medicine, Prague
- Preventive Medicine
Doc. MUDr. Alexander M. Čelko, CSc., Third Faculty of Medicine, Prague

- Gerontology
Prof. MUDr. Eva Topinková, CSc., First Faculty of Medicine, Prague
- Psychology
Prof. MUDr. Jiří Raboch, DrSc., First Faculty of Medicine, Prague
- Medical Ethics
Doc. MUDr. Mgr. Jan Payne, Ph.D., First Faculty of Medicine, Prague
- History of Medicine
Prof. PhDr. Milada Říhová, CSc., First Faculty of Medicine, Prague
- Imaging Techniques in Medicine
Prof. MUDr. Jan Daneš, DrSc., First Faculty of Medicine, Prague
- The team of chairpersons of the Field Boards is stable. Their composition is being adjusted continuously.

The duration of the accreditations allotted can be seen in the following table:

DOCTORAL STUDY PROGRAMMES ACCREDITED IN CZECH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	01 Mar 2017
Cell Biology and Pathology	01 Mar 2017
Biomedical Informatics	01 Mar 2017
History of Medicine	31 Mar 2012
Experimental Surgery	01 Mar 2017
Pharmacology and Toxicology	01 Mar 2017
Human Physiology and Pathophysiology	01 Mar 2017
Gerontology	01 Mar 2017
Immunology	01 Mar 2017
Medical Biophysics	01 Mar 2017
Medical Ethics	31 Oct 2013
Microbiology	30 Apr 2016
Molecular and Cellular Biology, Genetics and Virology	30 Apr 2016
Neurosciences	01 Mar 2017
Parasitology	30 Apr 2016
Preventive Medicine	01 Mar 2017
Psychology – Medical Psychology and Psychopathology	01 Mar 2011
Developmental Biology	01 Mar 2017
Imaging Techniques in Medicine	01 Aug 2015

DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	01 Mar 2017
Biomedical Informatics	01 Mar 2017
Cell Biology and Pathology	30 Apr 2016
Developmental Biology	01 Mar 2017
Experimental Surgery	01 Mar 2017
Gerontology	01 Mar 2017
Human Physiology and Pathophysiology	01 Mar 2017

Immunology	01 Mar 2017
Medical Biophysics	01 Mar 2017
Microbiology	30 Apr 2016
Molecular and Cellular Biology, Genetics and Virology	30 Apr 2016
Neurosciences	01 Mar 2017
Parasitology	30 Apr 2016
Pharmacology and Toxicology	01 Mar 2017
Preventive Medicine	01 Mar 2017
Psychology – Clinical Psychology and Psychopathology	01 Mar 2011
Imaging Methods in Medicine	01 Aug 2015

In 2009, postgraduate students in the combined form of studies (606 out of the total number of 1,003 doctorands) again prevailed at the First Faculty of Medicine. From the doctoral (Ph.D.) programme in biomedical science, 64 students graduated at the Faculty in 2009. Our priority still is to maintain the level of requirements on the students' scientific efficiency, including publications with an impact factor.

Prof. MUDr. Tomáš Hanuš, DrSc.

Vice-Dean for Clinical Education and Postgraduate Studies

Survey of the number of students in the doctoral study programmes at particular Faculty institutions by the field and form of study (figures by 1 November 2009)

Name of the institution	Postgraduate studies	combined	total
Institute of Anatomy	6	5	11
Institute of Medical Biochemistry	5	3	8
Institute of Biochemistry & Experimental Oncology	6	3	9
Institute of Physiology	9	9	18
Institute of Biology and Medical Genetics	3	1	4
Institute of Biophysics and Informatics	1	3	4
Institute of Pathological Physiology	27	14	41
Institute of Pharmacology	5	10	15
Institute of Hygiene and Epidemiology	6	11	17
Institute for History of Medicine and Foreign Languages	2	11	13
Institute of Humanitarian Studies in Medicine	6	10	16
Institute of Pathology	1	2	3
Institute of Nuclear Medicine	1	3	4
Institute of Immunology and Microbiology	13	13	26
Institute of Forensic Medicine and Toxicology	0	3	3
Institute of Sports Medicine	1	3	4
Institute of Sexology	7	10	17
Institute of Inherited Metabolic Disorders	12	11	23
Institute of Clinical Biochemistry & Laboratory Medicine	16	21	37
Department of Paediatrics at Thomayer Teaching Hospital	0	1	1
Surgical Department at Thomayer Teaching Hospital	0	4	4
Department of Radiodiagnostics at TH Na Bulovce	0	1	1
Department of Orthopaedics at TH Na Bulovce	4	2	6
Surgical Department at TH Na Bulovce	0	3	3
Department of Plastic Surgery	2	4	6
Department of Gynaecology & Obstetrics at TH Na Bulovce	7	1	8
1 st Medical Department – Department of Haematology	5	10	15
Department of Nephrology	7	8	15
2 nd Medical Department	6	24	30
3 rd Medical Department	25	13	38
4 th Medical Department	6	11	17
Department of Occupational Medicine	1	1	2
1 st Department of Tuberculosis and Respiratory Diseases	0	1	1
Department of Dermatology and Venereology	1	0	1
Department of Geriatrics	1	3	4
Department of Neurology	12	28	40

Department of Psychiatry	34	32	66
Department of Radiodiagnostics	1	2	3
Department of Oncology	3	4	7
Department of Rehabilitation Medicine	4	10	14
Department of Rheumatology	7	5	12
Department of Paediatrics & Adolescent Medicine	20	10	30
1 st Surgical Department	0	7	7
3 rd Surgical Department	1	14	15
2 nd Surgical Department	1	13	14
Department of Anaesthesiology and Resuscitation	1	8	9
Department of Orthopaedics	7	6	13
Department of Urology	1	5	6
Department of ENT	6	3	9
Department of Phoniatrics	1	6	7
Department of Ophthalmology	1	4	5
Research Institute of Stomatology	5	8	13
Department of Stomatology	5	14	19
Department of Gynaecology and Obstetrics	4	27	31
3 rd Dept. of Infectious & Tropical Diseases at TH Na Bulovce	8	5	13
Department of Neurosurgery at Central Military Hospital	1	3	4
Medical Department at Central Military Hospital	1	2	3
Department of Ophthalmology at Central Military Hospital	0	4	4
Institute of Cell Biology and Pathology	3	2	5
Institute of General Medicine	1	1	2
Organizational units of First Faculty of Medicine – total	320	456	776

Doctoral State Examinations

Surname and first name	Title	Field	Date of examination
Al Fakih Aref Ahmed Ali	MUDr.	Cell Biology and Pathology	24 Sep 2009
Angerová Yvona	MUDr.	Human Physiology and Pathophysiology	10 Dec 2009
Antošová Marie	MUDr.	Human Physiology and Pathophysiology	19 Mar 2009
Balážiová Eva	MUDr.	Biochemistry and Pathobiochemistry	23 June 2009
Bandúr Štěpán	MUDr.	Human Physiology and Pathophysiology	10 Sep 2009
Bártlová Markéta	Mgr.	Human Physiology and Pathophysiology	25 June 2009
Bartovská Zofia	MUDr.	Human Physiology and Pathophysiology	26 Feb 2009
Bělohávek Jan	MUDr.	Human Physiology and Pathophysiology	4 June 2009
Blahová-Dušánková Jana	Mgr.	Neurosciences	2 Feb 2009
Brabcová Irena	Ing.	Molecular and Cellular Biology, Genetics and Virology	20 Jan 2009
Brodská Helena	MUDr.	Biochemistry and Pathobiochemistry	22 June 2009
Burgetová Andrea	MUDr.	Medical Biophysics	22 Sep 2009
Burian Martin	MUDr.	Medical Biophysics	25 June 2009
Čabiňáková Michaela	MUDr.	Biochemistry and Pathobiochemistry	22 June 2009
Černý Jan	MUDr.	Molecular and Cellular Biology, Genetics and Virology	19 Mar 2009
Doubek Pavel	MUDr.	Psychology	14 July 2009
Dudová Iva	MUDr.	Psychology	14 July 2009
Fischer Slavomil	PhDr.	Medical Psychology and Psychopathology	2 June 2009
Fojtíková Markéta	MUDr.	Human Physiology and Pathophysiology	14 May 2009
Fricová Jitka	MUDr.	Human Physiology and Pathophysiology	23 Apr 2009
Ganger Rudolf	M.D.	Experimental Surgery	21 Oct 2009
Germanová Alexandra	Mgr.	Biochemistry and Pathobiochemistry	26 Mar 2009

Germanová Anna	MUDr.	Biochemistry and Pathobiochemistry	26 Mar 2009
Glášlová Kateřina	MUDr.	Medical Psychology and Psychopathology	23 June 2009
Grus Tomáš	MUDr.	Experimental Surgery	9 Sep 2009
Havránek Ondřej	MUDr.	Human Physiology and Pathophysiology	21 May 2009
Horáková Dana	MUDr.	Neurosciences	2 Feb 2009
Hrdličková Enkela	MUDr.	Cell Biology and Pathology	24 Sep 2009
Hřebačková Jana	Ing.	Cell Biology and Pathology	12 Mar 2009
Huranová Martina	Mgr.	Cell Biology and Pathology	24 Sep 2009
Chládková Barbara	Ing.	Immunology	10 Dec 2009
Jirsová Simona	MUDr.	Human Physiology and Pathophysiology	22 Oct 2009
Justinová Jana	Mgr.	Medical Psychology and Psychopathology	2 June 2009
Kalitová Petra	MUDr.	Human Physiology and Pathophysiology	14 May 2009
Kalvínská Eva	MUDr.	Medical Ethics	1 Apr 2009
Kaňa Radim	MUDr.	Experimental Surgery	11 Nov 2009
Klieščiková Jarmila	MUDr.	Parasitology	30 Jan 2009
Kodydková Jana	Mgr.	Biochemistry and Pathobiochemistry	12 Feb 2009
Kokavec Juraj	Mgr.	Human Physiology and Pathophysiology	26 Feb 2009
Koničková Renata	Ing.	Biochemistry and Pathobiochemistry	14 Oct 2009
Kopecká Jana	Ing.	Molecular and Cellular Biology, Genetics and Virology	23 Apr 2009
Králík Lubomír	Mgr.	Biochemistry and Pathobiochemistry	9 June 2009
Krasulová Eva	MUDr.	Neurosciences	30 Mar 2009
Kudla Michal	MUDr.	Experimental Surgery	7 Jan 2009
Kuchař Ladislav	Mgr.	Biochemistry and Pathobiochemistry	26 Mar 2009
Libánský Petr	MUDr.	Experimental Surgery	17 June 2009
Macášek Jaroslav	MUDr.	Biochemistry and Pathobiochemistry	12 Feb 2009
Maixnerová Jana	Mgr.	Biochemistry and Pathobiochemistry	26 Mar 2009
Malínská Hana	Mgr.	Biochemistry and Pathobiochemistry	14 Sep 2009
Manning Jasper	Mgr.	Molecular and Cellular Biology, Genetics and Virology	16 Sep 2009
Mansour-Musová Hind	MUDr.	Psychology	14 July 2009
Matoušková Olga	MUDr.	Pharmacology and Toxicology	17 June 2009
Mergental Hynek	MUDr.	Experimental Surgery	7 Jan 2009
Merjavá Stanislava	Mgr.	Cell Biology and Pathology	24 Sep 2009
Myslivcová Denisa	Mgr.	Molecular and Cellular Biology, Genetics and Virology	23 Apr 2009
Nagy Miroslav	Mgr.	Biomedical Informatics	24 Sep 2009
Novák František	MUDr.	Biochemistry and Pathobiochemistry	21 Apr 2009
Pácová Hana	MUDr.	Experimental Surgery	25 Mar 2009
Páv Marek	MUDr.	Neurosciences	29 June 2009
Pospíšil Vít	Mgr.	Human Physiology and Pathophysiology	26 Feb 2009
Potyšová Zuzana	MUDr.	Human Physiology and Pathophysiology	25 June 2009
Prusíková Martina	MUDr.	Preventive Medicine	18 Feb 2009
Přečková Petra	Mgr.	Biomedical Informatics	24 Sep 2009
Růžička Filip	MUDr.	Neurosciences	12 Oct 2009
Sedlář Martin	MUDr.	Experimental Surgery	2 Sep 2009
Sláma Jiří	MUDr.	Experimental Surgery	13 Apr 2009
Stibůrek Lukáš	Mgr.	Biochemistry and Pathobiochemistry	14 Sep 2009
Svatoňová Jana	MUDr.	Neurosciences	1 June 2009
Svoboda Jan	Mgr.	Immunology	20 Jan 2009
Šromová Lucie	Mgr.	Biochemistry and Pathobiochemistry	23 June 2009
Tomková Mária	Mgr.	Biochemistry and Pathobiochemistry	9 June 2009
Tomšíková Zdeňka	MUDr.	Human Physiology and Pathophysiology	10 Sep 2009

Trča Stanislav	MUDr.	Experimental Surgery	25 Nov 2009
Tuková Jana	MUDr.	Human Physiology and Pathophysiology	23 Apr 2009
Uhrová Tereza	MUDr.	Medical Psychology and Psychopathology	23 June 2009
Vachata Petr	MUDr.	Neurosciences	30 Mar 2009
Válek Martin	MUDr.	Medical Biophysics	5 May 2009
Vávrová Lucie	Mgr.	Biochemistry and Pathobiochemistry	12 Feb 2009
Vohánka Jaroslav	Ing.	Cell Biology and Pathology	24 Sep 2009
Votavová Hana	MUDr.	Human Physiology and Pathophysiology	21 May 2009
Vyhnánek Radim	MUDr.	Preventive Medicine	1 July 2009
Wagnerová Dita	MUDr.	Medical Biophysics	25 June 2009
Wohl Petr	MUDr.	Human Physiology and Pathophysiology	14 May 2009
Zajícová Jarmila	Mgr.	Molecular and Cellular Biology, Genetics and Virology	20 Jan 2009
Živná Martina	Mgr.	Molecular and Cellular Biology, Genetics and Virology	20 Jan 2009

Dissertation theses defended in the doctoral study programme

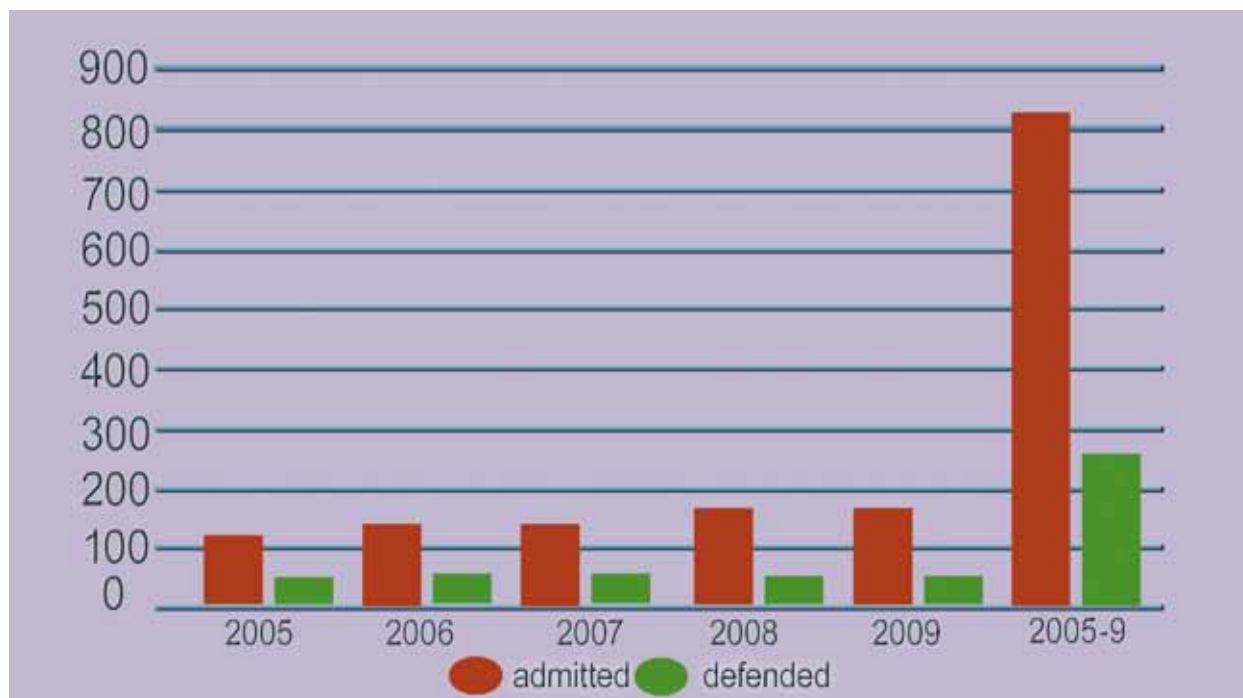
Surname, first name	Title	Field	Date of defence	Title of the thesis
Bartoš Robert	MUDr.	Neurosciences	5 Oct 2009	<i>Comparison of results of electric cortical stimulation and functional magnetic resonance</i>
Bártů Václava	MUDr.	Pharmacology and Toxicology	28 Jan 2009	<i>Clinical and cost effectiveness of antibiotic treatment of respiratory infections</i>
Bělohávek Jan	MUDr.	Human Physiology and Pathophysiology	21 Sep 2009	<i>Implementation of methods of organ support in acute cardiology and influence on survival of the critically ill</i>
Bém Robert	MUDr.	Human Physiology and Pathophysiology	4 June 2009	<i>Bone metabolism, infection and ischemia in diabetic foot syndrome</i>
Benedikt Jan	Ing.	Neurosciences	30 Nov 2009	<i>Study of relation of structure and function of temperature-activated TRP ion channels</i>
Berková Zuzana	Mgr.	Cell Biology and Pathology	24 Sep 2009	<i>Marking of isolated islets of Langerhans by nanoparticles of iron for the purpose of in vivo magnetic resonance imaging</i>
Bešík Josef	MUDr.	Human Physiology and Pathophysiology	24 Sep 2009	<i>Resistance of hypertrophic heart muscle to acute lack of oxygen</i>
Bláha Jan	MUDr.	Human Physiology and Pathophysiology	21 Sep 2009	<i>Scope of continuous monitoring of glycaemia in critically ill patients and of treatment of hyperglycaemia using insulin algorithms</i>
Bláha Martin	MUDr.	Neurosciences	30 Nov 2009	<i>Influence of outer stimuli (CO₂, alcohol, caffeine) on blood flow through the brain and the self-regulatory capacity of the brain</i>
Böhm Marek	MUDr.	Biochemistry and Pathobiochemistry	14 Jan 2009	<i>Clinical impact of cytochrome c oxidase disorders</i>
Bortlík Martin	MUDr.	Human Physiology and Pathophysiology	21 Sep 2009	<i>Carcinogenesis of colorectal carcinoma and carcinoma associated with idiopathic intestinal inflammations: theoretical presumptions and their consequences for clinical practice</i>
Bošanská Lenka	MUDr.	Human Physiology and Pathophysiology	21 May 2009	<i>Endocrine function of adipose tissue: role in occurrence and development of complications of atherosclerosis</i>
Brožová Hana	MUDr.	Neurosciences	21 Sep 2009	<i>Stature and gait disorders in Parkinson's disease</i>
Bušek Petr	MUDr.	Biochemistry and Pathobiochemistry	23 June 2009	<i>The role of dipeptidyl peptidase-IV in glioma cell growth</i>
Cvačková Zuzana	Mgr.	Cell Biology and Pathology	29 Jan 2009	<i>Nucleolus and its associated chromatin</i>
Čada Zdeněk	MUDr.	Experimental Surgery	4 Nov 2009	<i>Glycobiology of tumours of the head and neck</i>
Černý Jan	MUDr.	Molecular and Cellular Biology, Genetics and Virology	19 Mar 2009	<i>Clinical implications of minimal residual disease evaluation by polymerase chain reaction in patients with B-cell lymphoproliferative disorders</i>
Čížková Alena	Mgr.	Biochemistry and Pathobiochemistry	8 Dec 2009	<i>Characterization of mitochondrial respiratory chain defects using DNA microarrays</i>

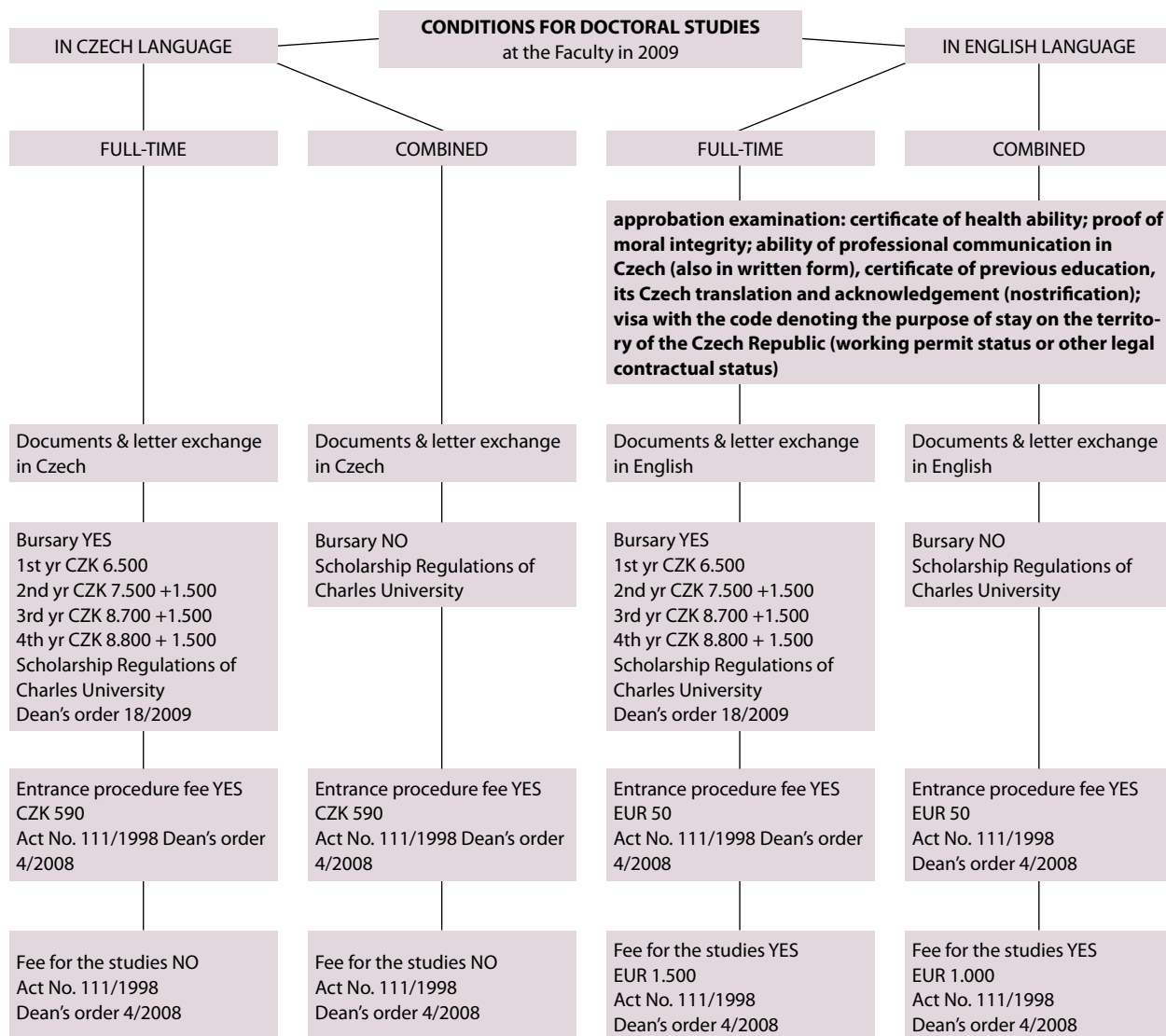
Doležal Ondřej	MUDr.	Neurosciences	2 Feb 2009	<i>Grey matter pathology in patients with relapse remittent multiple sclerosis</i>
Douděrová Dana	Mgr.	Biochemistry and Pathobiochemistry	13 Oct 2009	<i>Structural-Functional Correlations of Hydroxymethylbilane Synthase</i>
Drastich Pavel	MUDr.	Human Physiology and Pathophysiology	24 Sep 2009	<i>Involvement of some mechanisms of mucosa immunity in pathogenesis of Crohn's disease and ulcerative colitis</i>
Dundr Pavel	MUDr.	Cell Biology and Pathology	12 Mar 2009	<i>Expression of various forms of actin in some non-muscular and muscular tissues and tumours</i>
Fanta Michael	MUDr.	Experimental Surgery	10 June 2009	<i>Hyperandrogenic conditions in females: problems of adrenal hyperandrogenaemia</i>
Fischer Slavomil	PhDr.	Psychology	15 Dec 2009	<i>Deprivation of personality due to imprisonment</i>
Franková Věra	Mgr.	Medical Ethics	1 Apr 2009	<i>Concept of gene and some of its ethical consequences</i>
Frydlová Jana	Mgr.	Biochemistry and Pathobiochemistry	8 Sep 2009	<i>Separation of gastric aspartate proteases through affinity chromatography</i>
Gerlová Erika	PhDr.	Psychology	9 June 2009	<i>Culprits and forms of sexual aggression in population of the Czech Republic</i>
Grimmichová Tereza	MUDr.	Human Physiology and Pathophysiology	25 June 2009	<i>Secretion of insulin in females with syndrome of polycystic ovaries</i>
Hlobeňová Tereza	MUDr.	Human Physiology and Pathophysiology	21 Sep 2009	<i>Hematopoietic stem cell properties and transplantation preconditioning studied by competitive repopulation of the hematopoietic tissue</i>
Hrušková Zdeňka	MUDr.	Human Physiology and Pathophysiology	10 Dec 2009	<i>ANCA-Associated Vasculitides: Complex Diagnostic Approach Based on Current Insights into Pathogenesis of the Disease</i>
Chytilová Eva	MUDr.	Human Physiology and Pathophysiology	14 May 2009	<i>Sliding tension and its role in development of atherosclerosis in the carotid bed</i>
Jindřichová Marie	MUDr.	Neurosciences	18 May 2009	<i>The role of transmembrane domains in the structure and function of P2X receptors</i>
Kořínek Josef	MUDr.	Human Physiology and Pathophysiology	15 Jan 2009	<i>Assessment of Myocardial Energetics by Strain Echocardiography</i>
Kostková Olga	Mgr.	Biochemistry and Pathobiochemistry	13 Oct 2009	<i>Study of mitochondrial ultrastructure and functions in selected mitochondrial and lysosomal deposit diseases</i>
Koutek Jiří	MUDr.	Psychology	15 Dec 2009	<i>Suicidal behaviour in childhood and adolescence</i>
Ligasová Anna	Mgr.	Cell Biology and Pathology	21 May 2009	<i>DNA replication and chromatin: from 3D to function</i>
Majer Filip	Ing.	Biochemistry and Pathobiochemistry	9 June 2009	<i>Liver gangliosides in estrogen-induced cholestasis</i>
Malý Jiří	MUDr.	Human Physiology and Pathophysiology	10 Sep 2009	<i>Influence of late sequels to perinatal hypoxia and pleiotropic effects of statins on acute ischemic/reperfusion damage to the myocardium</i>
Mašek Martin	MUDr.	Medical Biophysics	26 Mar 2009	<i>Secondary progressive form of multiple sclerosis: volumetry of changes in MRI versus clinical state</i>
Mergental Hynek	MUDr.	Experimental Surgery	10 June 2009	<i>Use of gemcitabin in anti-rejection therapy in an experimental model of liver transplantation</i>
Moravcová Pavla	Mgr.	Psychology	20 Jan 2009	<i>Attitudes and hazards of sexual behaviour in students of the last two years of grammar schools, other secondary schools and secondary apprentice schools in Prague in the aspect HIV/AIDS infection</i>
Netuka Ivan	MUDr.	Human Physiology and Pathophysiology	14 May 2009	<i>Impact of prenatal hypoxia on resistance of the myocardium of the lab rat to ischemic/reperfusion damage in adulthood</i>
Novák František	MUDr.	Biochemistry and Pathobiochemistry	14 Sep 2009	<i>Oxidative stress, paraoxonase 1 activity and lipids in critically ill patients</i>
Novotná Lenka	Mgr.	Biochemistry and Pathobiochemistry	8 Sep 2009	<i>Study of phosphorylation of human pepsins</i>
Pácová Hana	MUDr.	Experimental Surgery	4 Nov 2009	<i>Monitoring of occurrence of human defensin in relation to the cell cycle in mucous membranes of the airway</i>
Pohludka Michal	Ing.	Cell Biology and Pathology	11 June 2009	<i>Functional genomics of nuclear hormone receptors and their co-factors</i>

Roubíček Tomáš	MUDr.	Human Physiology and Pathophysiology	10 Sep 2009	<i>Role of adipose tissue and its products in development of insulin resistance and systemic inflammatory</i>
Skalická Blanka	MUDr.	Human Physiology and Pathophysiology	22 Oct 2009	<i>Assets of new immunosuppressive drugs following heart transplantation</i>
Sláma Jiří	MUDr.	Experimental Surgery	23 Sep 2009	<i>Importance of detection of human papillomaviruses in catchment lymphatic nodes in patients with carcinoma of the vaginal cervix</i>
Springer Drahomíra	Ing.	Biochemistry and Pathobiochemistry	14 Oct 2009	<i>Investigation of disorders of the thyroid gland and establishment of reference intervals for the laboratory thyroid markers used</i>
Stibůrek Lukáš	Mgr.	Biochemistry and Pathobiochemistry	13 Oct 2009	<i>The role of human Sco1, Sco2, Surfl and Oxal 1 in the biogenesis of the oxidative phosphorylation system</i>
Stremeňová Jarmila	Mgr.	Biochemistry and Pathobiochemistry	23 June 2009	<i>Dipeptidyl peptidase-IV Activity and/or Structure Homologues: Their Role in Gliomagenesis</i>
Svobodová Šárka	MUDr.	Human Physiology and Pathophysiology	24 Sep 2009	<i>Regulation of indicators of biological activity in colorectal carcinoma</i>
Šálek Cyril	MUDr., Mgr.	Cell Biology and Pathology	11 June 2009	<i>Detection of gene variations in selected oncogenes and tumor suppressor genes as markers of early stages of pancreatic carcinoma</i>
Šimůnková Kateřina	MUDr.	Human Physiology and Pathophysiology	23 Apr 2009	<i>Function of adrenal glands in autoimmune type I Diabetes mellitus in young adults</i>
Špaček Miroslav	MUDr.	Medical Biophysics	23 Apr 2009	<i>Diagnosis of infection of a vessel prosthesis through the hybrid method FDG-PET/CT</i>
Šterclová Martina	MUDr.	Immunology	22 Sep 2009	<i>Chemokines and their receptors in pathogenesis of fibrotizing lung processes</i>
Vančura Vlastimil	MUDr.	Human Physiology and Pathophysiology	10 Dec 2009	<i>Influence of gradual rise in stimulation voltage on the width of QRS complex in patients with permanent cardiostimulation from the right heart ventricle</i>
Viták Tomáš	MUDr., Ing.	Medical Biophysics	26 Mar 2009	<i>Exploitation of algorithms of distance transformation in automatic registration of digital images</i>
Vyletál Petr	Ing.	Molecular and Cellular Biology, Genetics and Virology	23 Apr 2009	<i>Molecular Basis of Hereditary Hyperuricaemic Nephropathies</i>
Vymětalová Yevheniya	MUDr.	Human Physiology and Pathophysiology	26 Feb 2009	<i>Non-invasive diagnosis of graft rejection following orthotopic heart transplantation: evaluation of possibilities of use of establishing the donor-derived DNA in the recipient's plasma as a marker of acute rejection</i>
Zanvit Peter	Mgr.	Immunology	22 Sep 2009	<i>Adjuvant mucosal immunization of mice against influenza virus</i>
Zimovjanová Martina	MUDr.	Human Physiology and Pathophysiology	24 Sep 2009	<i>Prediction of chemosensitivity to 5-fluorouracil and its derivatives in patients treated by chemotherapy for colorectal carcinoma</i>
Žuchová Světlana	MUDr.	Psychology	30 Sep 2009	<i>Process of change in anorexia nervosa sufferers</i>

Number of students admitted and dissertation theses defended in the doctoral study programme at the First Faculty of Medicine in the past five years (2005-2009)

year	2005	2006	2007	2008	2009	2005-2009
admitted	138	149	185	174	172	818
defended	40	50	63	56	64	273





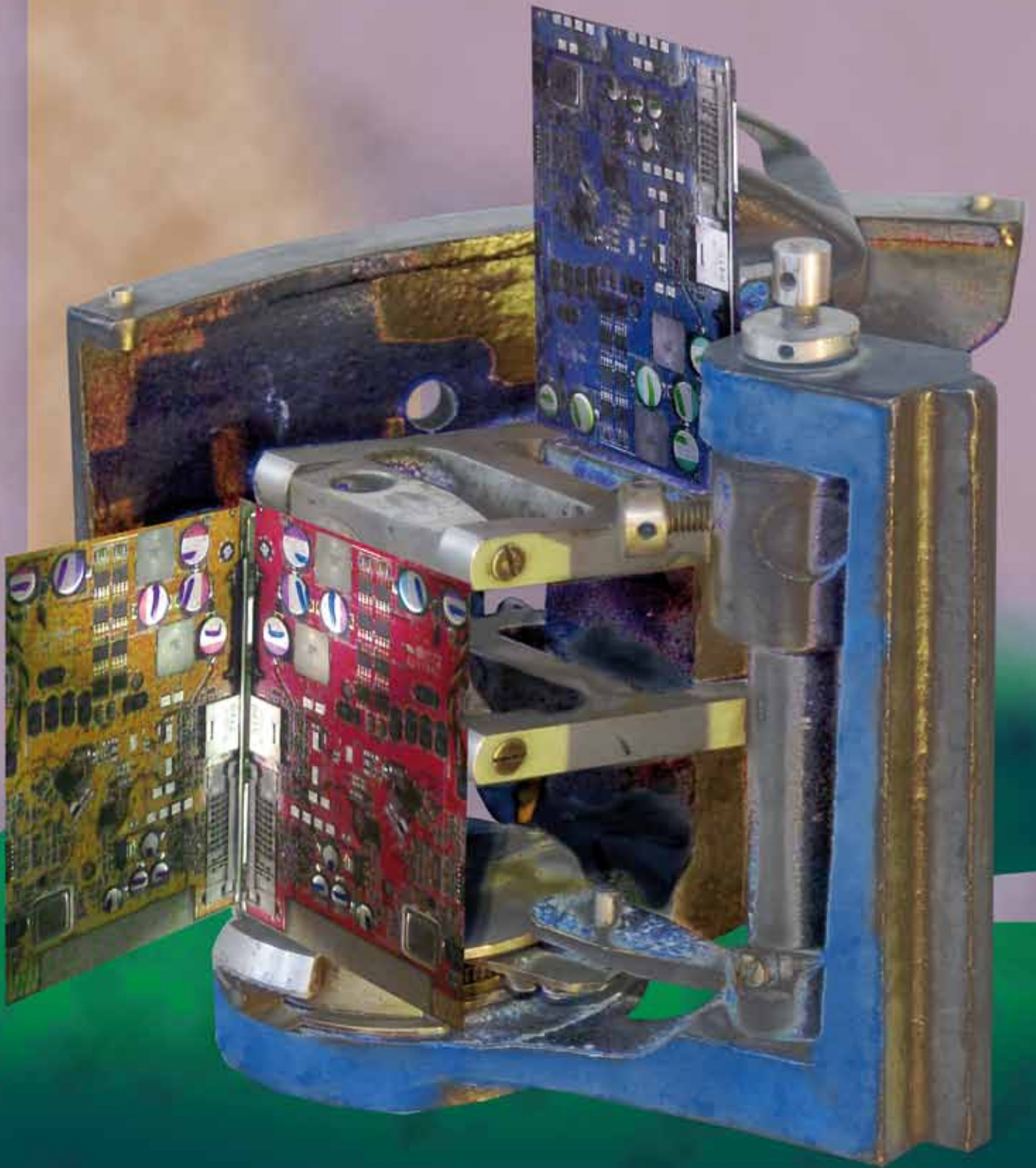


The book called Did ancient people suffer from tumours too? by Prof. Eugen Strouhal (first right) evoked an extraordinary interest.



The ceremony of presentation of the book Brain trauma and rehabilitation, published by Galén s.r.o. From the left: Assoc. Prof. O. Švestková (Head of the Department of Rehabilitation Medicine), Assoc. Prof. Marcela Lippert-Grühnerová (author) and Prof T. Zima (Dean of the First Faculty of Medicine of Charles University).

SCIENCE AND RESEARCH, GRANT AGENDA



SCIENCE AND RESEARCH, GRANT AGENDA

Integration of science and research together with educational activity at the First Faculty of Medicine presents a unique interconnection of the scientific research potential and teaching, which favourably influences the scientific work, quality of standards of therapeutic care as well as education.

Science and research, together with educational activities, form the essential part of the mission of the First Faculty of Medicine.

Comparison of scientific and research activities among our Faculty units as well as with other scientific research institutions must be based on evaluation of the output of scientific activity, using worldwide recognized criteria. In the sphere of basic and cli-

nical research these mean the basic “scientiometric” parameters, including the number of publications in journals with impact factor and the response of the published items in citation, as recorded in the data base Web of Science, which is an indicator of usefulness of the results for scientific community. Like at other European scientific institutions, great attention is paid to the “third role” of universities – applied research and development. In this sphere, the criteria of success are patents and – above all – licences.

The criterion prescribed to evaluate the output of science, research and innovation (S&R) in the Czech Republic is the methodological guidelines by the Government Council for Science and Research.

These have been used to assess the S&R output for years. For the past five years (between 2004 and 2008) all kinds of results have been published and – using certain prearranged algorithms – converted to points to enable scoring and comparing the S&R output within and between particular fields of science. Basing on the data of the Register of Information on Output of Science and Research (“RIV”), the output scored includes, apart from publications in journals with Impact Factor (recorded in the Web of Science data base), also those in reviewed journals (recorded in international data bases such as Scopus) as well as in monographs or particular chapters of these, and for some fields, such as humanities, in collections. And there are some other generally recognized results as well, such as patents, pilot plants, tested technologies, utility models, industrial designs, etc.

Considering the change in methodology of evaluation of results in RIV, the scores in RIV points generally increased approximately twice in 2009, compared to the years before. Even though, comparing the Faculty to other establishments we can say that the First Faculty of Medicine still is the most important one in the sphere of biomedical and clinical research. The Faculty’s production (total 63,241 points) is higher than those of the other two medical faculties in Prague together and twice higher than that of the medical faculty at Masaryk University in Brno, the second most productive Czech faculty in the aspect of science.

The output of scientific work is one of the basic criteria of evaluation of our staff. Correctness of this policy has been proved by the still growing success in the competition for funds for new research projects, as well as by the increasing efficiency of funds granted. The trend to-



*Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities*

wards following the criteria connected with professional scientific progress of our staff enables to strengthen the prestige of the Professor and Associate Professor posts gained through the appointment and habilitation procedures at our Faculty. All that is certainly positive reference for the Faculty in gaining post-graduate students, who can build up their curricula well, consequently finding a wider scope to assert their expertise – not only at a local level.

Another favourable factor is the high opinion on the quality of the projects completed, which is achieved in an overwhelming majority of cases. An excellent feature is the traditional co-operation with the General Teaching Hospital, which is very important for application-oriented biomedical projects above all. We, however, keep developing co-operation with many other research institutions, mainly those within the Academy of Science of the Czech Republic but also with still more institutions abroad.

The acknowledged S&R output of the First Faculty of Medicine of Charles University in Prague reached the score at 63,241 points in 2009. This score secures us the third position in science and research output within Charles University in Prague (with the proportion of 14.7 per cent), after the Faculty of Mathematics and Physics (29.7 per cent) and Faculty of Natural Science (16.3 per cent). Within all medical and health science faculties we occupy the first position, with nearly a third of the recognized output.

Evaluating all establishments involved in biomedical and clinical research in the Czech Republic, the First Faculty of Medicine takes the first position (19.8 per cent), followed by the General Teaching Hospital in Prague at the second position. Together with the General Teaching Hospital, which is its “sister” teaching hospital, the First Faculty of Medicine produced the total output (as calculated in RIV points) of 88,921 points in 2009, which represented 27.8 per cent of the total medical (or biomedical) research in the country.

The charts attached are to document the basic parameters of scientific work at the First Faculty of Medicine, including the financial support for science from grant projects and also considering the personnel conditions of the Faculty.

Grant support of science and research

The list of grant projects run at the First Faculty of Medicine of Charles University and in the General Teaching Hospital in 2008 is displayed at the Faculty's website.

Research concepts implemented in 2008

- Molecular biology and pathology of the cell in normal state and in selected clinically important pathologic processes – Prof. MUDr. Milan Elleđer, DrSc.



Prof. MUDr. Aleksi Šedo, DrSc.

Vice-Dean for Grant Projects and Development of the Faculty

- Molecular biological, genetic and epigenetic aspects of origination and development of model tumors of the adult age: Importance for epidemiology, early diagnosis and treatment – Prof. MUDr. Pavel Klener, DrSc.
- Metabolic, endocrine and genetic aspects of prevention, diagnosis and therapy of cardiovascular, cerebrovascular and renovascular conditions – Prof. MUDr. Jan Škrha, DrSc., MBA
- Neuropsychiatric aspects of neurodegenerative conditions – prof. MUDr. Evžen Růžička, DrSc.

Other institutions' research concepts with participation of the Faculty staff

- Invasive approaches to save or regenerate the myocardium – Prof. MUDr. Michael Aschermann, DrSc.
- Prevention, diagnosis and therapy of diabetes mellitus, metabolic and endocrine impairments of the organism – Prof. MUDr. Martin Haluzík, CSc.
- Chronic diseases due to inappropriate reactivity of the immunity system, their pathogenesis, and possibilities of early diagnosis and treatment – Prof. MUDr. Ivan Šterzl, CSc.

- Use of experimental and clinical models of metabolic processes, nutrition and pharmacology for development of knowledge, clinical practice and improvement of the quality of life – Prof. MUDr. Aleš Žák, DrSc.
- Pathophysiology of neuromental diseases and its clinical applications – Assoc. Prof. MUDr. Dana Marešová, CSc.
- Molecular bases of children's neoplastic conditions and therapeutic applications – MUDr. Zuzana Zemanová

Students' Scientific Conference

On 27th May 2009, our Faculty held the traditional Students' Scientific Conference, the tenth in line after 1989. This conference, in which 71 students took part, proceeded in two sections – undergraduate and postgraduate. The undergraduate section consisted of three parts – theoretical, clinical for non-medical fields, and nursing. The postgraduate section, in turn, was divided into the theoretical and clinical part, but due to the large number of participants the latter had to be judged by two boards (as clinical 1 and clinical 2). This time, unlike in the previous years, standing rules were set to evaluate the students' presentations: for scientific asset and knowledge of the problem area 20 points could be given as a maximum, for quality of the presentation 10 points and for the student's own contribution 5 points. A presenter could therefore be given 35 points from the evaluators as a maximum.

The evaluating board for the theoretical part of the undergraduate section (Prof. Miloš Grim, Prof. Stanislav Štípek, Assoc. Prof. Viktor Kožich) awarded two first prizes: to Mr. Pavol Mikoláš for the paper "GEI-8: *Caenorhabditis elegans* homologue of nuclear hormone corepressor NCoR" a Mr. Vojtěch Jurga for "Conformation stability of cystathionin- β -synthase and its mutants", and an extraordinary prize to Ms Nikol Mládková for "The Role of Hypoxia Inducible Factor-alpha in Human Glioblastoma Multiforme Cell Lines".

In the clinical part of this section the evaluating board (Assoc. Prof. Jarmila Procházková, Prof. Miloš Langmeier, Assoc. Prof. Zdeňka Límanová) decided to award one best prize to Mr. Antonín Šípek for the paper "Pericentric inversion of chromosome 9 – a mere variety?"

The evaluating board for non-medical fields (Assoc. Prof. Petr Bartůněk, Ms Eva Marková, Ms Hana Gajdošíková) judged one paper as the best, which was "Competences of rescue health profes-

sionals in the Czech Republic" by Jaroslav Pekara. An extraordinary prize was awarded to Jakub Machálek for "The influence of workload on development of the cardioregulatory system".

The evaluating board for the theoretical and pre-clinical part of the postgraduate section (Prof. Jiří Kraml, Assoc. Prof. Drahomíra Křenová, Prof. Rastislav Druga) awarded four first prizes: to Dr. Jiří Hodis for "Troglitazone effect on beta3 adrenergic stimulated NO production in primary culture of visceral adipocytes is mediated through adenosine monophosphate kinase and modulates possible adipocyte-hepatocyte communication via NO", Dr. Ondřej Havránek for "Mutation analysis of the coding sequence of the gene checkpoint kinase 2 (*CHEK2*) in patients with non-Hodgkin lymphomas", Ms. Ivana Tichá for "Long deletions and transformations in *BRCA1* locus in patients with hereditary syndrome of breast and ovary carcinoma" a Ms. Stanislava Merjavá for "Changes in corneas of patients with distal polymorphous dystrophy". An extraordinary prize was awarded to Dr. Marie Jindřichová for her paper "The role of aromatic residua of the first trans-membrane domain in structure and function of P2X receptors".

The evaluating board for the clinical fields 1 (Prof. Pavel Kleiner, Assoc. Prof. Debora Karetová, Assoc. Prof. Pavel Maruna) awarded three first prizes: to Dr. Petr Fulín for "Material properties of explanted UHMWPE components – first results", Dr. Petr Hubka for "Safety of TVT-S in H-position", and Dr. Bohumil Majtan for "Correlation of manual and digital measurement of intimo-medial thickness in patients with arterial hypertension".

The evaluating board for the clinical fields 2 (Assoc. Prof. M. Trněný, Assoc. Prof. J. Lindner, Assoc. Prof. M. Kaláb) awarded two first prizes to postgraduate students – Dr. K. Pimková won the prize for her paper "Influence of S-nitrosoderivates of low-molecular substances and proteins on activation of human blood platelets" and Dr. M. Urbanová for "Genetic analysis of tumours of the head and neck". At a time, Dr. Urbanová's paper was awarded an extraordinary prize in clinical fields.

The students' presentations took place in the lecture halls of the Institute of Anatomy, Department of Stomatology, 2nd Medical Department, 3rd Medical Department and 1st Surgical Department. The award ceremony of the 10th Students' Scientific Conference then was held at the Academic Club of the First Faculty of Medicine on 4th June 2009 at 2 p.m.

Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities

Prof. MUDr. Aleksi Šedo, DrSc.
Vice-Dean for Grant Projects and Development of the Faculty

Name of project	Type of instrument
Congenital disorders of Glycosylation: a European network for the advancement of research, diagnosis and treatment of a growing group of rare disorders (EUROGLYCANET)	6th Framework Programme
Translating molecular knowledge into early breast cancer management building on the BIG network for improved treatment tailoring (TRANSBIG)	6th Framework Programme
Dynamic Interactive Chemical Biology and Biomedicine (DYNAMIC)	6th Framework Programme
Neutralizing antibodies on Interferon beta in Multiple Sclerosis (NABIMS)	6th Framework Programme
Towards the development of an effective enzyme replacement therapy for human Alpha-mannosidosis (HUEMAN)	6th Framework Programme
Development of a European Measure of Best Practice for People with Long Term Mental Illness in Institutional Care (DEMOB)	6th Framework Programme
Individually Tailored Stepped Care for Women with Eating Disorders (INTACT)	6th Framework Programme
Older People's e-services at home (OLDES)	6th Framework Programme
Increasing the Participation of the Elderly in Clinical Trials (PREDICT)	7th Framework Programme
Promotion and facilitation of international cooperation with Eastern European and Central Asian countries (EECALink)	7th Framework Programme
Neonatal European Study of Inhaled Steroids (NEUROSIS)	7th Framework Programme
Services and Health for Elderly In Long Term care (SHELTER)	7th Framework Programme
Cystathionine beta-synthase deficiency: a conformational disorder in the transsulphuration pathway of homocysteine metabolism	Wellcome Trust
Pilot study of the feasibility of recruiting kidney and lung cancer cases, in conjunction with the on-going multicentre case-control study of occupational cancer risk factors in Central and Eastern Europe (IARC)	World Health Organization
Role of tobacco in ongoing studies of kidney and pancreatic cancer	World Health Organization
Follow-up of Lung and UADT Cancer Patients from the Central Europe Multicenter Case-Control Study	World Health Organization
Central Europe case-control study of Kidney cancer	World Health Organization
European Network of Reference for Rare Pediatric Neurological Disease (NEUROPEAD)	PHEA
Guidelines for the prevention of obesity at work place (GPOW)	PHEA
Information network on good practice in health care for migrants and minorities in Europe (MIGHEALTHNET)	PHEA
Women in Europe against Lung Cancer and Smoking (WELAS)	PHEA
European Register on Cushing's Syndrome (ERCUSYN)	PHEA
European Porphyria Network: providing better healthcare for patients and their families (EPNET)	PHEA
Best Practice in Promoting Mental Health in Socially Marginalized People in Europe (PROMO)	PHEA
Implementation of European Drug Addiction Prevention trial at a population level (EUDAP2)	PHEA
The CORRELATION network - European Network for Health and Social Inclusion	PHEA
EU-Dap TOT network: European Drug Abuse Prevention training of trainers network (EUDAP TOT)	PHEA
Norway grants	EEA GRANTS
Gastroesophageal reflux in pre-term infants	EEA GRANTS
New trends in HIV-related risky patterns of injecting drug use and drugs distribution in three Eurasian countries with substantial presence of ATDs	CRDF

Basic parameters of scientific activity at the First Faculty of Medicine 2000-2009

Financial and personnel support							Publications and their impact						
	Grant funds allotted in thousands CKR	Number of grant projects incl. those submitted in GT Hospital and MH	Total manpower of the Faculty (converted to full-time positions)	Number of students in doctoral study programmes	Total number of publications	Total number of authors	specifically:						
							Monographs and textbooks in Czech or English	specifically: Original expert and scientific publications and reviews	Original expert and scientific publications and incl. reviews in journals with IF	Number of authors publishing in journals with IF	Total IF scores of the journals in which the publications occurred	Number of citations according to SCI	Number of authors quoted in SCI
2000	146,131	263 8	890.67 (+58.9)1/ (+80.5)2/	471	2,517	845	129	997	290	283	504.56	3,802	337
2001	177,743	298 8	840.23 (+51.40)1/ (+104.10)2/	541	2,997	969	117	947	283	356	769.61	4,720	411
2002	181,743	281 8	838.42 (+28.7)1/ (+112.9)2/	597	3,353	1,028	170	923	304	403	704.28	5,852	498
2003	203,899	285 8	863.90 (+34.87)1/ (+116.29)2/	657	3,235	791	110	908	345	449	902.60	7,123	420
2004	236,304	268 8	867.90 (+45.05)1/ (118.92)2/	780	2,488	896	213	992	293	461	756.10	9,710	647
2005	319,565	318 3	836.25 (+68.99)1/ (+197.47)2/	629	2,519	836	90	1,006	353	384	1,160.80	10,979	541
2006	360,174	319 3	840.34 (98.97)1/ (+220.92)2/	878	2,676	1,167	156	977	415	555	1,294.60	13,950	678
2007	355,500	313 4	833.56 (91.06)1/ (+270.46)2/	912	2,712	1,127	255	861	495	547	1,530.80	11,440	682
2008	323,074	291 4	865.08 (62.91)1/ (+281.69)2/	966	2,261	1,105	161	715	430	569	1,566.30	12,510	687
2009	393,480	337 4	882.13 (+85.68)1/ (271.94)2/	1,003									

1/ From grants

2/ From Research Concepts

Total number of authors and publications - excluding reviews

2008 BIBLIOGRAPHY

For several years, the Annual Report of the First Faculty of Medicine of Charles University in Prague has presented surveys of the data collected about publishing activities of the Faculty staff members and their statistical analysis concerning particular types of the documents.¹ In 2008, the total of 2,261 items that fall into the categories under survey were published. The number of publishing authors from the First Faculty of Medicine was 1,105.²

By the Dean's Order 10/2009, stating the list of organization units of the First Faculty of Medicine of Charles University as well as their official names, strictly only those publications (and their possible citations) have been listed that state the allegiance to the Faculty. This measure fully meets the prospective change in

the institutional funding of scientific publications by the Council for Research and Development.

The number of citations of their publications according to the Science Citation Index (SCI) and Social Science Citation Index (SSCI) of the Web of Knowledge™ data base was 12,510; this means that in spite of the said strict measures the number of citations rose – compared to 2007 – by more than one thousand.

In 2008 the total number of 569 authors from the First Faculty of Medicine of Charles University published 430 original and synoptic articles in journals with impact factors (IF). Much more important, however, is the constant increase in quality – the increase in numbers of published items and publishing authors in periodicals with high IF. (See the table and diagram “Development of publishing activity in journals with IF 2000 – 2008.”)

In the 2007 Annual Report of the Faculty, the values of the Hirsch index (h-index) were presented for the first time, both for particular authors and the First Faculty of Medicine as a whole. These values show an upward trend as well, with the h-index = 51 for the Faculty by 31st December 2008 and h-index = 55 by 31st December 2009. (See the table and diagram “Hirsch index”.)

¹ The source of the data: Central data base of publishing activities of staff members of Charles University in Prague – the First Faculty of Medicine, kept by the Institute of Scientific Information of the First Faculty of Medicine.

² In 2009 the Faculty management decided that neither abstracts nor their authors would be included any more. All the data for 2000-2008 were therefore adapted considering this decision. For this reason, the total number of authors as well as publications is lower, compared to the older data.

Articles published in periodicals with high impact factors:

- 2 publications in a journal with IF = 50.017 (New England Journal of Medicine)
- 1 publication in a journal with IF = 31.434 (Nature)
- 9 publications in a journal with IF = 30.259 (Nature Genetics)
- 3 publications in a journal with IF = 28.409 (Lancet)
- 1 publication in a journal with IF = 16.559 (Journal of Clinical Investigation)
- 1 publication in a journal with IF = 16.107 (Cell Metabolism)
- 1 publication in a journal with IF = 14.595 (Circulation)
- 1 publication in a journal with IF = 11.438 (Journal of the American College of Cardiology)
- 1 publication in a journal with IF = 10.432 (Blood)
- 1 publication in a journal with IF = 9.935 (Annals of Neurology)
- 1 publication in a journal with IF = 8.917 (European Heart Journal)
- 1 publication in a journal with IF = 8.091 (Journal of the American Chemical Society)
- 2 publications in a journal with IF = 7.368 (Hypertension)
- 1 publication in a journal with IF = 7.349 (Diabetes Care)
- 3 publications in a journal with IF = 7.188 (Annals of Rheumatic Diseases)
- 1 publication in a journal with IF = 7.033 (Human Mutation)
- 1 publication in a journal with IF = 6.878 (Nucleic Acids Research)
- 1 publication in a journal with IF = 6.858 (Arteriosclerosis, Thrombosis and Vascular Biology)
- 2 publications in a journal with IF = 6.787 (Arthritis and Rheumatism)
- 1 publication in a journal with IF = 6.512 (European Urology)
- 1 publication in a journal with IF = 6.488 (Clinical Cancer Research)

- 1 publication in a journal with IF = 6.418 (Kidney International)
- 2 publications in a journal with IF = 6.325 (Journal of Clinical Endocrinology and Metabolism)
- 1 publication in a journal with IF = 5.978 (Haematologica)
- 1 publication in a journal with IF = 5.684 (Breast Cancer Research and Treatment)
- 1 publication in a journal with IF = 5.603 (Chemistry and Biology)
- 1 publication in a journal with IF = 5.579 (Clinical Chemistry)
- 1 publication in a journal with IF = 5.520 (Journal of Biological Chemistry)
- 1 publication in a journal with IF = 5.393 (Journal of Sexual Medicine)
- 1 publication in a journal with IF = 5.340 (Chemical Communications)
- 2 publications in a journal with IF = 5.310 (Acta Neuropathologica)
- 1 publication in a journal with IF = 5.236 (Endocrine-Related Cancer)
- 1 publication in a journal with IF = 5.213 (Molecular Microbiology)
- 1 publication in a journal with IF = 5.154 (Critical Reviews in Clinical Laboratory Sciences)
- 3 publications in a journal with IF = 5.132 (Journal of Hypertension)
- 1 publication in a journal with IF = 5.111 (Chromosoma)
- 1 publication in a journal with IF = 5.083 (Seminars in Nuclear Medicine)
- 1 publication in a journal with IF = 5.056 (Journal of Pineal Research)
- 1 publication in a journal with IF = 5.053 (Journal of Clinical Psychiatry)

PAPERS BY AUTHORS FROM CHARLES UNIVERSITY – FIRST FACULTY OF MEDICINE, PUBLISHED IN JOURNALS WITH THE HIGHEST IMPACT FACTORS IN 2007

San Miguel, Jose - Schlag, R. - Khuageva, N - Dimopoulos, MA - Shpilberg, O - Kropff, M - Špička, Ivan - Petrucci, Maria T. - Palumbo, A. - Samoilova, Olga S. - Dmoszynska, A. - Abdulkadyrov, K.M. - Schots, R. - Jiang, B. - Mateos, M.-V. - Anderson, K.C. - Esseltine, D. L. - Liu, K. - Cakana, A. - van de Velde, H. - Richardson, P. G. :

Bortezomib plus melphalan and prednisone for initial treatment of multiple myeloma.

In: New England Journal of Medicine. USA, 0028-4793. 2008, 359, 9, pp. 906-917.

Subject classification: haematology. IF = 50.017 (2008)

Lowel, Daniel J. - Ruperto, Nicolino - Goodman, Steven - Reiff, Andreas - Jung, Lawrence - Jarošová, Kateřina - Němcová, Dana - Mouy, Richard - Sandborg, Christy - Bohnsack, John - Elewaut, Dirk - Foeldvari, Ivan - Gerloni, Valeria - Rovenský, Jozef - Minden, Kirsten - Vehe, Richard K. - Weiner, Wagner L. - Horneff, Gerd - Huppertz, Hans-Iko - Olson, Nancy Y. - Medich, John R. - Carcere-ri-De-Prati, Rob. - McIlraith, Melissa J. - Giannini, Edward H. - Martini, Alberto:

Adalimumab with or without Methotrexate in Juvenile Rheumatoid Arthritis.

In: New England Journal of Medicine. USA, 0028-4793. 2008, 359, 8, pp. 810-820.

Subject classification: rheumatology. IF = 50.017 (2008)

Hung, R.J. - McKay, J.D. - Gaborieau, V. - Boffetta, P. - Hashibe, M. - Zaridze, D. - Mukeria, A. - Szeszenia-Dabrowska, N. - Lissowska, J. - Rudnai, P. - Fabianova, E. - Mates, D. - Bencko, Vladimír - Foretova, L. - Janout, V. - Chen, C. - Goodman, G. - Field, J.K. - Liloglou, T. - Xinarianos, G. - Cassidy, A. - McLaughlin, J. - Liu, G. - Narod, S. - Krokan, H.E. - Skorpén, F. - Elvestad, M.B. - Hveem, K. - Vatten, L. - Linseisen, J. - Clavel-Chapelon, F. - Vineis, P. - Bueno-de-Mesquita, H.B. - Lund, E. - Martinez, C. - Bingham, S. - Rasmuson, T. - Hainaut, P. - Riboli, E. - Ahrens, W. - Benhamou, S. - Lagiou, P. - Trichopoulos, D. - Holcátová, Ivana - Merletti, F. - Kjaerheim, K. - Agudo, A. - Macfarlane, G. - Talamini, R. - Simonato, L. - Lowry, R. - Conway, D.I. - Znaor, A. - Healy, C. - Zelenika, D. - Boland, A. - Delepine, M. - Foglio, M. - Lechner, D. - Matsuda, F. - Blanche, H. - Gut, I. - Heath, S. - Lathrop, M. - Brennan, P. :

A susceptibility locus for lung cancer maps to nicotinic acetylcholine receptor subunit genes on 15q25.

In: Nature. Great Britain, 0028-0836. 2008, 452, 7178, pp. 633-637.

Subject classification: hygiene – epidemiology. IF = 31.434 (2008)

Schormair, Barbara - Kemlink, David - Roeske, Darina - Eckstein, Gertrud - Xiong, Lan - Lichtner, Peter - Ripke, Stephan - Trenkwalder, Claudia - Zimprich, Alexander - Stiasny-Kolster, Karin - Oertel, Wolfgang - Bachmann, Cornelius G. - Paulus, Walter - Högl, Birgit - Frauscher, Birgit - Gschliesser, Viola - Poewe, Werner - Peglau, Ines - Vodička, Pavel - Vávrová, Jana - Šonka, Karel - Nevšímalová, Soňa - Montplaisir, Jacques - Turecki, Gustavo - Rouleau, Guy - Gieger, Christian - Illig, Thomas - Wichmann, H-Erich - Holsboer, Florian - Müller-Myhsok, Bertram - Meitinger, Thomas - Winkelmann, Juliane:

PTPRD (protein tyrosine phosphatase receptor type delta) is associated with restless legs syndrome.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 8, pp. 946-948.

Subject classification: neurology. IF = 30.259 (2008)

Saar, K. - Beck, A. - Bihoreau, M.-T. - Birney, E. - Brocklebank, D. - Chen, Y. - Cuppen, E. - Demonchy, S. - Dopazo, J. - Flicek, P. - Foglio, M. - Fujiyama, A. - Gut, I.G. - Gauguier, D. - Guigo, R. - Guryev, V. - Heinig, M. - Hummel, O. - Jahn, N. - Klages, S. - Křen, Vladimír - Kube, M. - Kuhl, H. - Kuramoto, T. - Kuroki, Y. - Lechner, D. - Lee, Y-A. - Lopez-Bigas, N. - Lathrop, G.M. - Mashimo, T. - Medina, I. - Mott, R. - Patone, G. - Perrier-Cornet, J-A. - Platzer, M. - Pravenec, Michal - Reinhardt, R. - Sakaki, Y. - Schilabel, M. - Schukz, H. - Serikawa, T. - Shikhagaie, M. - Tatsumoto, S. - Taudien, S. - Toyoda, A. - Voigt, B. - Zelenika, D. - Zimdahl, H. - Hubner, N. :

SNP and haplotype mapping for genetic analysis in the rat.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 5, pp. 560-566.

Subject classification: genetics and molecular biology. IF = 30.259 (2008)

Pravenec, Michal - Churchill, Paul C. - Churchill, Monique C - Vilklický, Ondřej - Kazdová, Ludmila - Aitman, Timothy J. - Petretto, Enrico - Hubner, Norbert - Wallace, Caroline A. - Zimdahl, Heike - Zidek, Vaclav - Landa, Vladimír - Dunbar, Joseph - Bidani, Anil - Grif-fin, Karen - Qi, Nathan - Maxová, Martina - Křen, Vladimír - Mlejnek, Petr - Wang, Jiaming - Kurz, Theodore W.:

Identification of renal Cd36 as a determinant of blood pressure and risk for hypertension.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 8, pp. 952-954.

Subject classification: genetics and molecular biology. IF = 30.259 (2008)

Petretto, Enrico - Sarwar, Rizwan - Grieve, Ian - Lu, Han - Kumaran, Mande K - Muckett, Phillip J - Mangion, Jonathan - Schroen, Blanche - Benson, Matthew - Punjabi, Prakash P - Prasad, Sanjay - Pennell, Dudley - Kiesewetter, Chris - Tasheva, Elena S - Corpuz, Lolita M - Webb, Megan D - Conrad, Gary W - Kurtz, Theodore W - Křen, Vladimír - Fischer, Judith - Hubner, Norbert - Pinto, Yigal M - Pravenec, Michal - Aitman, Timothy J - Cook, Stuart A.:

Integrated genomic approaches implicate osteoglycin (Ogn) in the regulation of left ventricular mass.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 5, pp. 546-552.

Subject classification: genetics and molecular biology. IF = 30.259 (2008)

McKay, J. D. - Hung, R. J. - Gaborieau, D. - Boffetta, Paolo - Chabrier, A. - Byrnes, G. - Zaridze, David - Mukeria, A. - Szeszenia-Dabrowska, N. - Lissowska, Jolanta - Rudnai, P. - Fabiánová, E. - Mates, Dana - Bencko, Vladimír - Foretová, L. - Janout, V. - McLaughlin, J. - Shepherd, F. - Montpetit, A. - Narod, S. - Krokan, H. E. - Skorpén, F. - Elvestad, M. B. - Vatten, L. - Njolstad, I. - Axelsson, T. - Chen, C. - Goodman, G. - Barnett, M. - Loomis, M.M. - Lubinski, J. - Matyjasik, J. - Lener, M. - Oszutowska, D. - Field, J. - Liloglou, T. - Xinarianos, G. - Cassidy, A. - Zelenika, D. - Boland, A. - Delepine, M. - Foglio, M. - Lechner, D. - Matsuda, F. - Blanche, H. - Gut, I. - Heath, S. - Lathrop, M. - Brennan, P. :

Lung cancer susceptibility locus at 5p15.33.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 12, pp. 1404-1406.

Subject classification: hygiene, epidemiology. IF = 30.259 (2008)

Hashibe, Mia - McKay, J D - Curado, M P - Oliveira, J C - Koifman, S. - Koifman, R - Zaridze, D - Shangina, O - Wunsch, V - Eluf, J -

Levi, J E - Matos, E - Lagiou, P - Lagiou, A - Benhamou, S - Bouchardy, C - Szeszenia-Dabrowska, N - Menezes, A - Dall Agnol, M M - Merleti, F - Richiardi, L - Fernandez, L - Lence, J - Talamini, R - Barzan, L - Mates, D - Mates, I N - Kjaerheim, K - MacFarlane, G J - MacFarlane, T V - Simonato, L - Canova, C - Holcátová, Ivana - Agudo, A - Castellsague, X - Lowry, R - Janout, V - Kollarova, H - Conway, D I - McKinney, P A - Znaor, A - Fabianova, E - Bencko, Vladimír - Lisowska, J - Chabrier, A - Hung, RJ - Gaborieau, V - Boffetta, P - Brennan, P. :

Multiple ADH genes are associated with upper aerodigestive cancers.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 6, pp. 707-709. Subject classification: hygiene and epidemiology. IF = 30.259 (2008)

Guryev, Victor - Saar, Kathrin - Adamovic, Tatjana - Verheul, Mark - Van Heesch, Sebastiaan A - Cook, Stuart - Pravenec, Michal - Aitman, Timothy - Jacob, Howard - Shull, James D. - Hubner, Norbert - Cuppen, Erwin:

Distribution and functional impact of DNA copy number variation in the rat.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 5, pp. 538-545. Subject classification: genetics and molecular biology. IF = 30.259 (2008)

Čížková, Alena - Stránecký, Viktor - Mayr, J.A. - Tesařová, Markéta - Havlíčková, Vendula - Paul, J. - Ivánek, Robert - Kuss, A.W. - Hanšíková, Hana - Kaplanová, Vilma - Vrbacký, Marek - Hartmannová, Hana - Nosková, Lenka - Honzík, Tomáš - Drahota, Z. - Magner, Martin - Hejzlarová, K. - Sperl, W. - Zeman, Jiří - Houštěk, Josef - Kmoch, Stanislav:

TMEM70 mutations cause isolated ATP synthase deficiency and neonatal mitochondrial encephalomyopathy.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 11, pp. 1288-1290.

Subject classification: genetics. IF = 30.259 (2008)

Aitman, Timothy J - Critser, John K - Cuppen, Edwin - Dominiczak, Anna - Fernandez-Suarez, Xose M - Flint, Jonathan - Gauguier, Dominique - Geurts, Aron M - Gould, Michael - Harris, Peter C - Holmdahl, Rikard - Hubner, Norbert - Izsvák, Zsuzsanna - Jacob, Howard J - Kuramoto, Takashi - Kwitek, Anne - Marrone, Anna - Mashimo, Tomoji - Moreno, Carol - Mullins, John - Mullins, Linda - Olson, Tomas - Pravenec, Michal - Riley, Linda - Saar, Kathrin - Serikawa, Tadao - Shull, James D - Szpirer, Claude - Twigger, Simon N - Voigt, Birger - Worley, Kim:

Progress and prospects in rat genetics: a community view.

In: Nature Genetics. USA, 1061-4036. 2008, 40, 5, pp. 516-522. Subject classification: genetics and molecular biology. IF = 30.259 (2008)

Kappos, Ludwig - Gold, Ralf - Miller, David H. - MacManus, David G. - Havrdová, Eva - Limmroth, Volker - Polman, Chris H. - Schmierer, Klaus - Yousry, Tarek A. - Yang, Minhua - Eraksoy, Mefkure - Meluzínová, Eva - Rektor, Ivan - Dawson, Katherine T - Sandroock, Alfred W. - O'Neil, Gilmore N.:

Efficacy and safety of oral fumarate in patients with relapsing-remitting multiple sclerosis: a multicentre, randomised, double-blind, placebo-controlled phase IIb study.

In: Lancet. Great Britain, 0140-6736. 2008, 372, 9648, pp. 1463-1472.

Subject classification: neurology. IF = 28.409 (2008)

Galié, N. - Rubin, L.J. - Hoeper, M.M. - Jansa, Pavel - Al-Hiti, H. - Meyer, G.M.B. - Chiossi, E. - Kusic-Pajic, A. - Simonneau, G. :

Treatment of patients with mildly symptomatic pulmonary arterial hypertension with bosentan (EARLY study): a double-blind, randomised controlled trial.

In: Lancet. Great Britain, 0140-6736. 2008, 371, 9630, pp. 2093-2100.

Subject classification: cardiology. IF = 28.409 (2008)

Comi, G. - Pulizzi, A. - Rovaris, M. - Abramsky, O. - Arbizu, T. - Boiko, A. - Gold, R. - Havrdová, Eva - Komoly, S. - Selmaj, K. W. - Sharack, B. - Filippi, M.:

Effect of laquinimod on MRI-monitored disease activity in patients with relapsing-remitting multiple sclerosis: a multicentre, randomised, double-blind, placebo-controlled phase IIb study.

In: Lancet. Great Britain, 0140-6736. 2008, 371, 9630, pp. 2085-2092.

Subject classification: neurology. IF = 28.409 (2008)

Suzuki, Hitoshi - Moldoveanu, Zina - Hall, Stacy - Brown, Rhubell - VU, Huong L. - Novak, Lea - Julian, Bruce A. - Tomana, Milan - Wyatt, Robert J. - Edberg, Jeffrey C. - Alarcon, Graciela S. - Kimberly, Robert P. - Tomino, Yasuhiko - Městecký, Jiří - Novak, Jan:

IgA1-secreting cell lines from patients with IgA nephropathy produce aberrantly glycosylated IgA1.

In: Journal of Clinical Investigation. USA, 0021-9738. 2008, 2008, 118, pp. 629-639.

Subject classification: immunology. IF = 16.559 (2008)

Chen, Chi - Shah, Yatrik M. - Morimura, Keiichirou - Miyazaki, Makoto - Richardson, Terrilyn A. - Morgan, Edward T. - Ntambi, James M. - Idle, Jeffrey R. - Gonzalez, Frank J. :

Metabolomics reveals that hepatic stearyl-CoA desaturase 1 downregulation exacerbates inflammation and acute colitis.

In: Cell Metabolism. USA, 1550-4131. 2008, 7, 2, pp. 135-147.

Subject classification: pharmacology. IF = 16.107 (2008)

Serruys, Patrick W. - García-García, Héctor M. - Buszman, Pawel - Erne, Paul - Verheye, Stefan - Aschermann, Michael - Duckers, Henrikus - Bleie, Oyvind - Dudek, Dariusz - Botker, Hans Erik - Birgelen, Clemens von - D'Amico, Don - Hutchinson, Tammy - Zambanini, Andrew - Mastik, F. - van Es, G.A. - van der Steen, A.F.W. - Vincke, D.G. - Ganz, P. - Hamm, C.W. - Wijn, W. - Zalewski, A.:

Effects of the direct lipoprotein-associated phospholipase A(2) inhibitor darapladib on human coronary atherosclerotic plaque.

In: Circulation. USA, 0009-7322. 2008, 118, 11, pp. 1172-1182.

Subject classification: cardiology. IF = 14.595 (2008)

Jais, Xavier - D'Armini, Andrea M - Jansa, Pavel - Torbicki, Adam - Delcroix, Marion - Ghofrani, Hossein A. - Hoeper, Marius M. - Lang, Irene M. - Mayer, Eckhard - Pepke-Zaba, Joanna - Perchenet, Loic - Morganti, Adele - Simonneau, G rald - Rubin, Lewis J. :

Bosentan for treatment of inoperable chronic thromboembolic pulmonary hypertension.

In: Journal of the American College of Cardiology (JACC). USA, 0735-1097. 2008, 52, 25, pp. 2127-2134.

Subject classification: cardiology. IF = 11.438 (2008)

Forestier, E. - Izraeli, S. - Beverloo, B. - Haas, O. - Pession, A. - Michalová, Kyra - Stark, B. - Harrison, C. J. - Teigler-Schlegel, A. - Johansson, B.:

Cytogenetic features of acute lymphoblastic and myeloid leukemias in pediatric patients with Down syndrome: an iBFM-SG study.

In: Blood. USA, 0006-4971. 2008, 111, 3, pp. 1575-1583.

Subject classification: genetics - haematology. IF = 10.432 (2008)

Garren, Hideki - Robinson, William H. - Krasulová, Eva - Havrdová, Eva - Nadj, Congor - Selmaj, Krysztos - Losy, Jacek - Nadj, Ilinka -

Radue, Ernst-Wilhelm - Kidd, Brian A. - Gianettoni, Jill - Terrisni, Karen - Utz, Paul J. - Valone, Frank - Steinman, Lawrence:

Phase 2 trial of a DNA vaccine encoding myelin basic protein for multiple sclerosis.

In: Annals of Neurology. USA, 0364-5134. 2008, 63, 5, pp. 611-620.

Subject classification: neurology. IF = 9.935 (2008)

Widimský, Petr - Motovská, Zuzana - Šimek, Stanislav - Kala, Petr - Pudil, Petr - Holm, František - Petr, Robert - Bílková, Dana - Skalická, Hana - Kuchynka, Petr - Poloczek, Martin - Miklík, Roman - Malý, Marek - Aschermann, Michael:

Clopidogrel pre-treatment in stable angina: for all patients >6 h before elective coronary angiography or only for angiographically selected patients a few minutes before PCI? A randomized multicentre trial PRAGUE-8.

In: European Heart Journal. Great Britain, 0195-668X. 2008, 29, 12, pp. 1495-1503.

Subject classification: cardiology. IF = 8.917 (2008)

Ji, Haitao - Stanton, Benjamin Z. - Igarashi, Jotaro - Li, Huiying - Martásek, Pavel - Roman, Linda J. - Poulos, Thomas L. - Silverman, Richard B. :

Minimal pharmacophoric elements and fragment hopping, an approach directed at molecular diversity and isozyme selectivity. Design of selective neuronal nitric oxide synthase inhibitors.

In: Journal of the American Chemical Society. USA, 0002-7863. 2008, 130, 12, pp. 3900-3914.

Subject classification: biochemistry. IF = 8.091 (2008)

Pravenec, Michal - Kazdová, Ludmila - Landa, Vladimír - Zidek, Václav - Mlejnek, Petr - Šimáková, Miroslava - Jansa, Petr - Forejt, Jiří - Křen, Vladimír - Křenová, Drahomíra - Qi, Nathan - Wang, Jia-Ming - Chan, Derrick - Aitman, Theodore W. , Timothy J. - Kurtz: **Identification of Mutated Srebf1 as a QTL Influencing Risk for Hepatic Steatosis in the Spontaneously Hypertensive Rat.**

In: Hypertension. USA, 0194-911X. 2008, 51, 1, pp. 148-153.

Subject classification: genetics and molecular biology, fyziologie. IF = 7.368 (2008)

Pitt, Bertram - Ahmed, Ali - Love, Thomas E. - Krum, Henry - Nicolau, Jose - Cardoso, José S. - Parkhomenko, Alexander - Aschermann, Michael - Corbalán, Ramon - Solomon, Henry - Shi, Harry - Zannad, Faiez:

History of hypertension and eplerenone in patients with acute myocardial infarction complicated by heart failure.

In: Hypertension. USA, 0194-911X. 2008, 52, 2, pp. 271-278.

Subject classification: cardiology. IF = 7.368 (2008)

Shanik, M., H. - Xu, Y. - Škrha, Jan - Dankner, R. - Zick, Y. - Roth, J.: **Insulin Resistance and Hyperinsulinemia.**

In: Diabetes Care. USA, 0149-5992. 2008, 31, Suppl.2, pp. S262-S268.

Subject classification: diabetology. IF = 7.349 (2008)

Ošlejšková, Lucie - Grigorian, M. - Gay, S. - Neidhart, M. - Šenolt, Ladislav:

The metastasis associated protein S100A4: a potential novel link to inflammation and consequent aggressive behaviour of rheumatoid arthritis synovial fibroblasts.

In: Annals of Rheumatic Diseases. Great Britain, 0003-4967. 2008, 67, 11, pp. 1499-1504.

Subject classification: rheumatology. IF = 7.188 (2008)

Gossec, L. - Dougados, M. - Philips, C. - Hammoudeh, M. - de Vlam, K. - Pham, T. - Pavelka, Karel - Braun, J. - Sieper, J. - Olivieri, I. - van der Heijde, D. - Collantes, E. - Stone, M. - Kvien, T.K.:

Dissemination and evaluation of the ASAS/EULAR recommendations for the management of ankylosing spondylitis: results of a study among 1507 rheumatologists.

In: Annals of Rheumatic Diseases. Great Britain, 0003-4967. 2008, 67, 6, pp. 782-788.

Subject classification: rheumatology. IF = 7.188 (2008)

Bertsias, G. - Ioannidis, J. P. A. - Boletis, J. - Bombardieri, S. - Cervera, R. - Dostál, Ctibor - Font, J. - Gilboe, I. M. - Houssiau, F. - Hui-zinga, T. - Isenberg, D. - Kallenberg, C. G. M. - Khamashta, M. - Piette, J. C. - Schneider, M. - Smolen, J. - Sturfelt, G. - Tincani, A. - van Vollenhoven, R. - Gordon, C. - Boumpas, D. T. :

EULAR recommendations for the management of systemic lupus erythematosus. Report of a task force of the EULAR standing committee for international clinical studies including therapeutics.

In: Annals of Rheumatic Diseases. Great Britain, 0003-4967. 2008, 67, 2, pp. 195-205.

Subject classification: rheumatology. IF = 7.188 (2008)

Gupta, Sapna - Wang, Liqun - Hua, Xiang - Krijt, Jakub - Kožich, Viktor - Kruger, Warren D.

Cystathionine beta-synthase p.S466L mutation causes hyperhomocysteinemia in mice.

In: Human Mutation. USA, 1059-7794. 2008, 29, 8, pp. 1048-1054.

Subject classification: genetics. IF = 7.033 (2008)

Šindelka, Radek - Jonák, Jiří - Hands, Rebecca - Bustin, Stephen A. - Kubista, Mikael:

Intracellular expression profiles measured by real-time PCR tomography in the Xenopus laevis oocyte.

In: Nucleic Acids Research. Great Britain, 0305-1048. 2008, 36, 2, pp. 387-392.

Subject classification: biochemistry - molecular biology. IF = 6.878 (2008)

Dorfmeister, B. - Zeng, W. W. - Dichlberger, A. - Nilsson, S. K. - Schaap, F. G. - Hubacek, J. A. - Merkel, M. - Cooper, J. A. - Lookene, A. - Putt, W. - Whittall, R. - Lee, P. J. - Lins, L. - Delsaux, N. - Nierman, M. - Kuivenhoven, J. A. - Kastelein, J. J. P. - Vrablík, Michal - Olivecrona, G. - Schneider, W. J. - Heeren, J. - Humphries, S. E. - Talmud, P. J. :

Effects of six APOA5 variants, identified in patients with severe hypertriglyceridemia, on in vitro lipoprotein lipase activity and receptor binding.

In: Arteriosclerosis, Thrombosis and Vascular Biology. USA, 1079-5642. 2008, 28, 10, pp. 1866-1871.

Subject classification: preventive cardiology. IF = 6.858 (2008)

Sultan, Shabina M. - Allen, Elizabeth - Oddis, Chester V. - Kiely, Patrick - Cooper, Robert G. - Lundberg, Ingrid E. - Vencovský, Jiří - Isenberg, David A.:

Reliability and Validity of the Myositis Disease Activity Assessment Tool..

In: Arthritis and Rheumatism. USA, 0004-3591. 2008, 58, 11, pp. 3593-3599.

Subject classification: rheumatology. IF = 6.787 (2008)

Keystone, Edward - van der Heijde, Désirée - Mason, David jr. - Landewé, Robert - van Vollenhoven, Ronald - Combe, Bernard - Emery, Paul - Strand, Vibeke - Mease, Philip - Desai, Chintu - Pavelka, Karel:

Certolizumab Pegol Plus Methotrexate Is Significantly More Effective Than Placebo Plus Methotrexate in Active Rheumatoid Arthritis.

In: Arthritis and Rheumatism. USA, 0004-3591. 2008, 58, 11, pp. 3319-3329.

Subject classification: rheumatology. IF = 6.787 (2008)

Babjuk, Marko - Oosterlinck, Willem - Sylvester, Richard - Kaasinen, Eero - Böhle, Andreas - Palou-Redorta, Juan:

EAU Guidelines on Non-Muscle-Invasive Urothelial Carcinoma of the Bladder.

In: European Urology. Switzerland, 0302-2838. 2008, 54, 2, pp. 303-314.

Subject classification: urology. IF = 6.512 (2008)

Nickerson, ML - Jaeger, E - Shi, Y - Durocher, JA - Mahurkar, S; - Zaridze, D - Matveev, V - Janout, V - Kollarova, H - Bencko, Vladimír - Navratilova, M - Szeszenia-Dabrowska, N - Mates, D - Mukeria, A - Holcátová, Ivana - Schmidt, LS - Toro, JR - Karami, S - Hung, R - Gerard, GF - Linehan, WM - Merino, M - Zbar, B - Boffetta, P - Brennan, P - Rothman, N - Chow, WH - Waldman, FM - Moore, LE:

Improved identification of von Hippel-Lindau gene alterations in clear cell renal tumors.

In: Clinical Cancer Research. USA, 1078-0432. 2008, 14, 15, pp. 4726-4734.

Subject classification: hygiene and epidemiology. IF = 6.488 (2008)

Smith, Joanna - Mott, Susan - Hoy, Wendy - Tesař, Vladimír:

Status of chronic kidney disease prevention programs: International Federation of Kidney Foundation Members 2005/2007.

In: Kidney International. USA, 0085-2538. 2008, 74, 12, pp. 1516-1525.

Subject classification: nephrology. IF = 6.418 (2008)

Dostálová, Ivana - Kaválková, Petra - Haluzíková, Denisa - Lacinová, Zdeňka - Mráz, Miloš - Papežová, Hana - Haluzík, Martin:

Plasma concentrations of fibroblast growth factors 19 and 21 in patients with anorexia nervosa.

In: Journal of Clinical Endocrinology and Metabolism. USA, 0021-972X. 2008, 93, 9, pp. 3627-3632.

Subject classification: endocrinology. IF = 6.325 (2008)

Colao, Annamaria - Marek, Josef - Goth, Miklos, I. - Caron, Filipe - Kuhn, Jean, Marc - Minuto, Francesco, M. - Weissman, Neil, J. :

No greater incidence or worsening of cardiac valve regurgitation with somatostatin analog treatment of acromegaly.

In: Journal of Clinical Endocrinology and Metabolism. USA, 0021-972X. 2008, 93, 6, pp. 2243-2248.

Subject classification: endocrinology. IF = 6.325 (2008)

Bruchová, Hana - Merkerová, Michaela - Prchal, Josef T.:

Aberrant expression of microRNA in polycythemia vera.

In: Haematologica. Italy, 0390-6078. 2008, 93, 7, pp. 1009-1016.

Subject classification: haematology, oncology. IF = 5.978 (2008)

Kleibl, Zdeněk - Havránek, Ondřej - Novotný, Jan - Kleiblová, Petra - Souček, Pavel - Pohlreich, Petr:

Analysis of CHEK2 FHA domain in Czech patients with sporadic breast cancer revealed distinct rare genetic alterations.

In: Breast Cancer Research and Treatment. USA, 0167-6806. 2008, 112, 1, pp. 159-164.

Subject classification: experimental oncology. IF = 5.684 (2008)

Lee, Kyung S. - Idle, Jeffrey R.:

Pinning down the polo-box domain.

In: Chemistry and biology. USA, 1074-5521. 2008, 15, 5, pp. 415-416.

Subject classification: pharmacology, biochemistry. IF = 5.603 (2008)

Leníček, Martin - Juklová, Miroslava - Zelenka, Jaroslav - Kovář, Jan - Lukáš, Milan - Bortlík, Martin - Vitek, Libor:

Improved HPLC analysis of serum 7 alpha-hydroxycholest-4-en-3-one, a marker of bile acid malabsorption.

In: Clinical Chemistry. USA, 0009-9147. 2008, 54, 6, pp. 1087-1088.

Subject classification: biochemistry. IF = 5.579 (2008)

Chen, Chi - Krausz, Kristopher W. - Idle, Jeffrey R. - Gonzalez, Frank J. : **Identification of novel toxicity-associated metabolites by metabolomics and mass isotopomer analysis of acetaminophen metabolism in wild-type and Cyp2e1-null mice.**

In: Journal of Biological Chemistry. USA, 0021-9258. 2008, 283, 8, pp. 4543-4559.

Subject classification: pharmacology. IF = 5.520 (2008)

Šedý, Jiří - Naňka, Ondřej - Špačková, Jana - Jarolím, Ladislav:

Clinical Implications of a Close Vicinity of Nervus Dorsalis Penis/Clitoridis and Os Pubis.

In: Journal of Sexual Medicine. Great Britain, 1743-6095. 2008, 5, 7, pp. 1572-1581.

Subject classification: urology, clinical anatomy. IF = 5.393 (2008)

Bříza, Tomáš - Kejík, Zdeněk - Císařová, Ivana - Králová, Jarmila - Martásek, Pavel - Král, Vladimír:

Optical sensing of sulphate by polymethinium salt receptors: colorimetric sensor for heparin.

In: Chemical Communications. Great Britain, 1359-7345. 2008, 2008, 16, pp. 1901-1903.

Subject classification: biochemistry. IF = 5.340 (2008)

Hůlková, Helena - Druga, Rastislav - Ondrejovič, Pavol - Elleder, Milan:

Subpial astrocytosis and focal leptomenigeal angiotropic astrocytosis leading to vascular compression: observations made in a case of mitochondrial encephalopathy.

In: Acta Neuropathologica. Germany, 0001-6322. 2008, 116, 6, pp. 667-669.

Subject classification: genetics. IF = 5.310 (2008)

Elleder, Milan - Dvořáková, Lenka - Stolnaja, Larisa - Vlášková, Hana - Hůlková, Helena - Druga, Rastislav - Poupětová, Helena - Košťálová, Eva - Mikuláščík, Josef:

Atypical CLN2 with later onset and prolonged course: a neuropathologic study showing different sensitivity of neuronal subpopulations to TPP1 deficiency.

In: Acta Neuropathologica. Germany, 0001-6322. 2008, 116, 1, pp. 119-124.

Subject classification: genetics. IF = 5.310 (2008)

Zelinka, Tomáš - Timmers, Henri, J.L.M. - Kozupa, Anna - Chen, Clara C. - Carrasquillo, Jorge, A. - Reynolds, James C - Ling, Alexander - Einsenhofer, Graeme - Lazúrová, Ivica - Adams, Karen, T. - Whately, Millie, A. - Widimský, Jiří jr. - Pacák, Karel:

Role of positron emission tomography and bone scintigraphy in the evaluation of bone involvement in metastatic pheochromocytoma and paraganglioma: specific implications for succinate dehydrogenase enzyme subunit B gene mutations.

In: Endocrine-Related Cancer. Great Britain, 1351-0088. 2008, 15, 1, pp. 311-323.

Subject classification: cardiology. IF = 5.236 (2008)

Krásný, Libor - Tišerová, Hana - Jonák, Jiří - Rejman, Dominik - Šanderová, Hana:

The identity of the transcription+1 position is crucial for changes in gene expression in response to amino acid starvation in *Bacillus subtilis*.

In: Molecular Microbiology. Great Britain, 0950-382X. 2008, 69, 1, pp. 42-54.

Subject classification: biochemistry – molecular biology – microbiology. IF = 5.213 (2008)

Tesař, Vladimír - Zima, Tomáš:

Recent progress in the pathogenesis of nephrotic proteinuria.

In: Critical Reviews in Clinical Laboratory Sciences. USA, 1040-8363. 2008, 45, 2, pp. 139-220.

Subject classification: nephrology. IF = 5.154 (2008)

Sugimoto, Ken - Kazdova, Ludmila - Qi, Nathan R. - Hyakukoku, Masaya - Křen, Vladimír - Simakova, Miroslava - Zidek, Vaclav - Kurtz, Theodore W. - Pravenec, Michal:

Telmisartan increases fatty acid oxidation in skeletal muscle through a peroxisome proliferator-activated receptor-[gamma] dependent pathway.

In: Journal of Hypertension. Great Britain, 0263-6352. 2008, 26, 6, pp. 1209-1215.

Subject classification: endocrinology, diabetology, metabolism, nutrition. IF = 5.132 (2008)

Holaj, Robert - Widimský, Jiří jr. :

Increased carotid intima - media thickness in patients with a high aldosterone/plasma renin activity ratio and elevated aldosterone plasma concentration - reply.

In: Journal of Hypertension. Great Britain, 0263-6352. 2008, 26, 7, pp. 1500-1501.

Subject classification: cardiology. IF = 5.132 (2008)

Červenka, Luděk - Vaněčková, Ivana - Husková, Zuzana - Vaňourková, Zdenka - Erbanová, Michaela - Thumová, Monika - Škaroupková, Petra - Opočenský, Martiín - Malý, Jan - Čertíková-Chábová, Věra - Tesař, Vladimír - Bürgelová, Marcela - Viklický, Ondřej - Teplan, Vladimír - Želízko, Michal - Kramer, Herbert J. - Navar, L.Gabriel:

Pivotal role of angiotensin II receptor subtype 1A in the development of two-kidney, one-clip hypertension: study in angiotensin II receptor subtype 1A knockout mice.

In: Journal of Hypertension. Great Britain, 0263-6352. 2008, 26, 7, pp. 1379-1389.

Subject classification: angiotensin II. IF = 5.132 (2008)

Cvačková, Zuzana - Albring, Kai F. - Koberna, Karel - Ligasová, Anna - Huber, Otmar - Raška, Ivan - Staněk, David:

Pontin is localized in nucleolar fibrillar centers.

In: Chromosoma. Germany, 0009-5915. 2008, 117, 5, pp. 487-497.

Subject classification: cell biology. IF = 5.111 (2008)

Durand, E. - Blaufox, MD - Britton, KE - Carlsen, O. - Cosgriff, P. - Fine, E. - Fleming, J. - Nimmon, C. - Piepsz, A. - Prigent, A. - Šámal, Martin:

Appendix of the ISCORN consensus on renal transit time measurements.

In: Seminars in Nuclear Medicine. USA, 0001-2998. 2008, 38, 1, pp. 1-14.

Subject classification: nephrourology. IF = 5.083 (2008)

Bob, Petr - Fedor-Freybergh, Peter:

Melatonin, consciousness, and traumatic stress.

In: Journal of Pineal Research. Denmark, 0742-3098. 2008, 44, 4, pp. 341-347.

Subject classification: psychiatry. IF = 5.056 (2008)

Dossenbach, Martin - Pecenek, Jan - Szulc, Agata - Irimia, Victoria - Anders, Martin - Logozar-Perkovic, Dusank - Peciukaitiene, Dalia - Kotler, Moshe - Smulevich, Anatoly B. - West, Teena M. - Lowry, Amanda J. - Treuer, Tamas:

Long-Term Antipsychotic Monotherapy for Schizophrenia: Disease Burden and Comparative Outcomes for Patients Treated With Olanzapine, Quetiapine, Risperidone, or Haloperidol Monotherapy in a Pan-Continental Observational Study.

In: Journal of Clinical Psychiatry. USA, 0160-6689. 2008, 69, 12, pp. 1901-1915.

Subject classification: psychiatry. IF = 5.053 (2008)

*Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities*

Journals with the highest IF where the Faculty staff published in 2008

Title	ISSN	Country	IF 2008
New England Journal of Medicine	0028-4793	USA	50.017
Nature	0028-0836	USA	31.434
Nature Genetics	1061-4036	USA	30.259
Lancet	0140-6736	USA	28.409
Journal of Clinical Investigation	0021-9738	USA	16.559
Cell Metabolism	1550-4131	USA	16.107
Circulation	0009-7322	USA	14.595
Journal of the American College of Cardiology	0021-9738	USA	11.438
Blood	0006-4971	USA	10.432
Annals of Neurology	0364-5134	USA	9.935
European Heart Journal	0195-668X	Velká Británie	8.917
Journal of the American Chemical Society	0002-7863	USA	8.091
Hypertension	0194-911X	USA	7.368
Diabetes Care	0149-5992	USA	7.349
Annals of Rheumatic Diseases	0003-4967	Velká Británie	7.188
Human Mutation	1059-7794	USA	7.033
Nucleic Acids Research	0305-1048	Velká Británie	6.878
Arteriosclerosis, Thrombosis and Vascular Biology	1079-5642	USA	6.858
Arthritis & Rheumatism	0004-3591	USA	6.787
European Urology	0302-2838	Švýcarsko	6.512
Clinical Cancer Research	1078-0432	USA	6.488
Kidney International	0085-2538	USA	6.418
Journal of Clinical Endocrinology and Metabolism	0021-972X	USA	6.325
Haematologica	0390-6078	Itálie	5.978
Breast Cancer Research and Treatment	0167-6806	USA	5.684
Chemistry & Biology	1074-5521	USA	5.603
Clinical Chemistry	0009-9147	USA	5.579
Journal of Biological Chemistry	0021-9258	USA	5.520
Journal of Sexual Medicine	1743-6095	USA	5.393
Chemical Communications	1359-7345	Velká Británie	5.340
Acta Neuropathologica	0001-6322	USA	5.310
Endocrine-Related Cancer	1351-0088	Velká Británie	5.236
Molecular Microbiology	0950-382X	USA	5.213
Critical Reviews in Clinical Laboratory Sciences	1040-8363	USA	5.154
Journal of Hypertension	0263-6352	USA	5.132
Chromosoma	0009-5915	USA	5.111
Seminars in Nuclear Medicine	0001-2998	USA	5.083
Journal of Pineal Research	0742-3098	USA	5.056
Journal of Clinical Psychiatry	0160-6689	USA	5.053

Total publishing output of the First Faculty of Medicine in 2000-2008

Type of document	POINTS	2000	2001	2002	2003	2004	2005	2006	2007	2008
primary publications / multicentric studies*) in scientific/professional journals with IF	7	228	268	297	324	271	328	389	457	388
primary publications / multicentric studies*) in scientific/professional journals without IF	2/1.5	623	712	657	597	716	731	570	501	321
synoptic articles in scientific/professional journals with IF	10	62	15	7	21	22	25	26	38	42
synoptic articles in scientific/professional journals without IF	3/2	374	235	266	311	276	275	407	360	394
translation of articles in scientific/professional journals, or of chapters in monographs to/from Czech language	0.25/0.5	9	39	26	55	45	12	29	31	0
case studies	3.5/1/0.75	42	31	39	44	47	51	51	53	62
primary articles in newspapers or popularizing scientific journals	0.2	102	85	60	101	114	1	60	85	85
other types of articles in scientific/professional journals	0.2	176	98	81	121	111	167	182	163	184
biographic articles (anniversaries, obituaries) in scientific/professional journals	0.2	2	12	17	24	30	34	23	46	24
reports of conferences and professional association sessions in scientific/professional journals	0.2	22	26	29	26	33	34	41	38	23
letter to the editors in scientific/professional journals with IF	2	0	2	3	11	2	4	12	7	12
letter to the editors in scientific/professional journals without IF	0.5	11	5	6	9	8	74	7	1	3
publications in proceedings/collections, entries in Pharmindex, Repetitorium, Doporučené postupy in Czech/Slovak language	1	117	83	123	1,127	91	107	141	103	114
publications in proceedings/collections in other than Czech/Slovak language	2	80	60	68	71	61	57	49	43	50
chapters in monographs in Czech/Slovak language **)	0.5	177	206	213	184	296	424	324	277	216
chapters in monographs in other than Czech/Slovak language **)	1	22	28	24	21	38	15	23	19	17
monographs in Czech/Slovak language **)	0.5	60	64	55	61	52	61	55	54	45
monographs in other than Czech/Slovak language **)	1	3	0	1	0	2	6	3	1	4
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech/Slovak language **)	0.5/0.2	63	52	114	45	120	21	94	195	109
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech/Slovak language **)	1/0.4	3	1	0	4	39	2	4	5	3
patents and inventions	10	1	1	5	4	2	4	2	1	10
doctorate and professor degree dissertations and theses, MBA theses	2	3	18	11	23	12	10	11	21	10
scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document	2	5	24	89	41	30	9	68	72	73

any other abstracts, miscellaneous (all except for conference abstracts in scientific/professional journals with IF)	0.15/0.15/0.3	332	932	1,162	10	70	67	105	141	72
Total number of publications		2,517	2,997	3,353	3,235	2,488	2,519	2,676	2,712	2,261
Number of authors from the First Faculty of Medicine		845	969	1028	791	896	836	1167	1127	1105
Total IF of publications in the category primary/synoptic article with IF		504.6	769.6	704.3	902.6	756.1	1,160.8	1,294.6	1,530.8	1,566.3
Number of authors from the First Faculty of Medicine, publishing in journals with IF		283	356	403	449	461	384	555	547	569
Number of quotations in SCI		3,802	4,720	5,852	7,150	9,710	10,979	13,950	11,440	12,510
Number of authors from the First Faculty of Medicine, quoted in SCI		337	411	498	420	647	541	678	682	687
Number of articles with IF fulltext		290	285	307	356	295	357	427	502	442

*) Multicentric study where the author from the Faculty is listed among major authors and the Faculty is shown in the address

**) Value of chapters, monographs, textbooks, cyklopedias, reference books and translations is calculated for every 5 standard pages (every commenced 5 pages; 1 standard page = 30 lines of 60 characters each, or 1,800 characters including spaces) in the publication - indexed in data bases SCOPUS, Web of Science, Medline
 Mere editorship or nominal head authorship of a monograph is evaluated as 20 % of the total value of the publication, other authors receive 80 % points of the total value

Evaluation of scientific work by organization units - 2008

Institution	RIV	BIB	SCI	IF	BIB + SCI + IF	Standing before conversion	Full-time positions	All points converted per manpower	Standing by points converted per manpower
3rd Medical Department	1,012.928	518.959	1,544	159.266	2,221.958	1	44.00	50.499	4
Department of Rheumatology and Institute of Rheumatology	1,398.899	153.460	1,387	34.107	1,574.567	2	3.45	456.396	1
Department of Neurology	763.167	154.280	901	66.534	1,121.902	3	32.90	34.100	11
Institute of Inherited Metabolic Disorders	562.037	70.087	722	104.979	897.066	4	48.55	18.477	31
Department of Paediatrics & Adolescent Medicine	545.025	78.400	659	84.140	822.013	5	37.10	22.157	27
Department of Psychiatry	827.784	373.946	386	60.603	820.692	6	41.45	19.800	29
Department of Gynaecology and Obstetrics	372.891	229.811	395	51.387	675.798	7	20.15	33.538	12
Institute of Clinical Biochemistry & Laboratory Medicine	479.386	123.503	420	76.079	619.982	8	11.25	55.120	2
Institute of Biology and Medical Genetics	1285.721	32.287	495	62.152	589.272	9	20.00	29.464	22
1st Medical Department	524.723	90.336	454	29.789	574.125	10	18.00	31.896	16
Institute of Pathological Physiology	491.515	122.144	390	54.785	567.430	11	40.05	14.168	42
2nd Medical Department	768.357	100.310	404	56.669	560.979	12	17.15	32.710	14
Institute of Medical Biochemistry	298.729	67.608	404	34.799	506.407	13	19.45	26.036	24
Institute of Anatomy	330.654	76.877	358	61.837	496.864	14	21.74	22.855	26
Institute of Immunology and Microbiology	1,332.747	164.166	215	64.469	443.635	15	24.75	17.925	32
Institute of Hygiene and Epidemiology	1,054.079	55.999	349	19.975	425.545	16	9.10	46.763	5

Department of Nephrology	276.001	101.204	242	49.753	392.956	17	8.55	45.960	6
4th Medical Department	323.698	84.356	227	37.668	348.958	18	23.50	14.849	41
Department of Oncology	103.742	64.281	175	12.943	252.224	19	7.05	35.776	9
Institute of Biochemistry & Experimental Oncology	118.995	34.452	177	36.895	248.347	20	15.65	15.869	39
Institute of Pharmacology	601.023	51.678	157	29.890	238.567	21	6.75	35.343	10
Department of Orthopaedics at Motol TH	205.749	48.304	176	10.408	234.712	22	7.25	32.374	15
Department of Dermatology and Venereology	93.630	129.376	82	2.172	213.548	23	5.80	36.819	8
Department of Urology	283.679	80.483	118	8.529	207.011	24	7.00	29.573	21
Department of Radiodiagnostics	243.326	88.062	95	17.270	200.332	25	4.40	45.530	7
Institute of Cell Biology and Pathology	98.076	23.878	150	25.629	199.507	26	11.80	16.907	35
Dept. of Infectious & Tropical Diseases at TH Na Bulovce	221.143	47.805	122	20.397	190.203	27	12.05	15.784	40
Dept. of Gynaecology & Obstetrics at TH Na Bulovce	89.870	127.342	49	6.420	182.762	28	3.50	52.218	3
Dept. of ENT and Head & Neck Surgery at Motol TH	117.309	33.360	135	10.0133	177.973	29	6.00	29.662	20
Institute of Biophysics and Informatics	99.511	76.263	88	13.200	177.463	30	16.90	10.501	47
Department of Anaesthesiology, Resuscitation and Intensive Medicine	94.021	110.200	40	11.920	162.120	31	5.20	31.177	19
Institute of Pathology	117.060	45.311	88	19.001	152.312	32	9.55	15.949	38
Medical Department at Central Military Hospital	133.120	59.619	82	6.419	148.038	33	4.70	31.498	17
Institute of Humanitarian Studies in Medicine	184.135	124.139	13	9.373	146.561	34	8.70	16.846	36
Institute of Physiology	432.791	40.616	80	22.668	143.283	35	18.55	7.724	53
Department of Geriatrics	64.269	51.350	69	2.701	123.051	36	3.70	33.257	13
Department of Neurosurgery at Central Military Hospital	139.023	63.918	42	13.143	119.561	37	4.65	25.712	25
1st Surgical Department	79.617	37.839	61	16.866	115.705	38	11.90	9.723	48
3rd Surgical Department at Motol TH	119.905	84.642	23	4.860	112.502	39	8.40	13.399	45
Institute of Forensic Medicine and Toxicology	44.961	21.472	64	13.332	98.804	40	5.80	17.035	34
Department of Occupational Medicine	39.071	30.254	61	5.869	97.551	41	5.05	19.317	30
Institute of Sexology	56.371	64.883	16	1.115	81.999	42	3.10	26.451	23
Institute of Dental Research	39.551	19.500	47	7.643	74.143	43	4.45	16.661	37
Surgical Department at Thomayer TH	8.400	8.245	64	0.000	72.245	44	2.30	31.411	18
Department of Stomatology	136.594	38.350	12	20.388	70.738	45	24.25	2.917	62
Institute for History of Medicine and Foreign Languages	152.746	65.030	5	0.000	70.030	46	12.00	5.836	55
Department of Pneumology at Thomayer TH	30.667	40.217	3	15.670	58.887	47	2.75	21.413	28

Institute of Histology and Embryology	32.894	10.575	40	7.257	57.832	48	13.00	4.449	58
Institute of General Medicine	70.195	41.832	10	3.009	54.841	49	3.15	17.410	33
Institute of Public Health and Medical Law	114.994	22.601	30	0.411	53.011	50	7.05	7.519	54
Institute of Nuclear Medicine	297.010	10.070	35	7.185	52.255	51	6.30	8.294	51
2nd Surgical Department	81.623	18.784	20	7.901	46.685	52	3.85	12.126	46
Department of Ophthalmology	4.667	18.667	27	0.000	45.667	53	4.70	9.716	49
Institute of Sports Medicine	15.672	7.453	32	5.275	44.729	54	3.20	13.978	43
Department of Rehabilitation Medicine	37.132	32.067	8	0.697	40.764	55	8.00	5.096	56
1st Department of Tuberculosis and Respiratory Diseases	36.676	15.564	19	2.079	36.643	56	4.20	8.725	50
Department of Paediatrics at Thomayer TH	17.810	7.886	21	0.720	29.606	57	2.20	13.457	44
Department of Phoniatrics	17.917	15.652	9	0.807	25.459	58	3.10	8.213	52
Department of Orthopaedics at TH Na Bulovce	153.839	9.151	2	1.675	12.826	59	4.20	3.054	61
Dept. of Anaesthesiology and Resuscitation at Thomayer TH	24.000	5.667	4	0.000	9.667	60	1.90	5.088	57
Department of Ophthalmology at Central Military Hospital		6.792		0.000	6.792	61	2.00	3.396	60
Institute of Nursing Theory and Practice		4.333	2	0.000	6.333	62	9.50	0.667	66
Surgical Department at TH Na Bulovce	52.798	4.417		1.155	5.572	63	4.05	1.376	65
Institute of Clinical & Experimental Haematology	5.925	3.378	0	1.645	5.024	64	1.30	3.864	59
Institute of Radiation Oncology at TH Na Bulovce		0.000	3	0.000	3.000	65	1.70	1.765	63
Department of Radiodiagnostics at TH Na Bulovce	11.600	2.752		0.000	2.752	66	1.65	1.668	64
Department of Plastic Surgery at TH Na Bulovce	4.444	0.292	0	0.000	0.292	67	2.25	0.130	67
Institute of Scientific Information		0.200		0.000	0.200	68	3.00	0.067	68
Institute of Physical Education					0.000	69	11.00	0.000	69
Institute of Spa Medicine					0.000	69	3.05	0.000	69
Centre of Experimental Biomodels					0.000	69	3.05	0.000	69

Notes:

RIV total - number of points gained under the criteria set by the Government Council for Research and Development.

(Estimated production of RIV points in 2008, i.e. including those inputs from the Faculty that were not recognized in the 2nd stage of evaluation. Therefore the total RIV points are slightly higher than the official data of the 3rd stage of evaluation.)

BIB, SCI, IF, BIB+SCI+IF - points in the category / standing by points gained in the given category

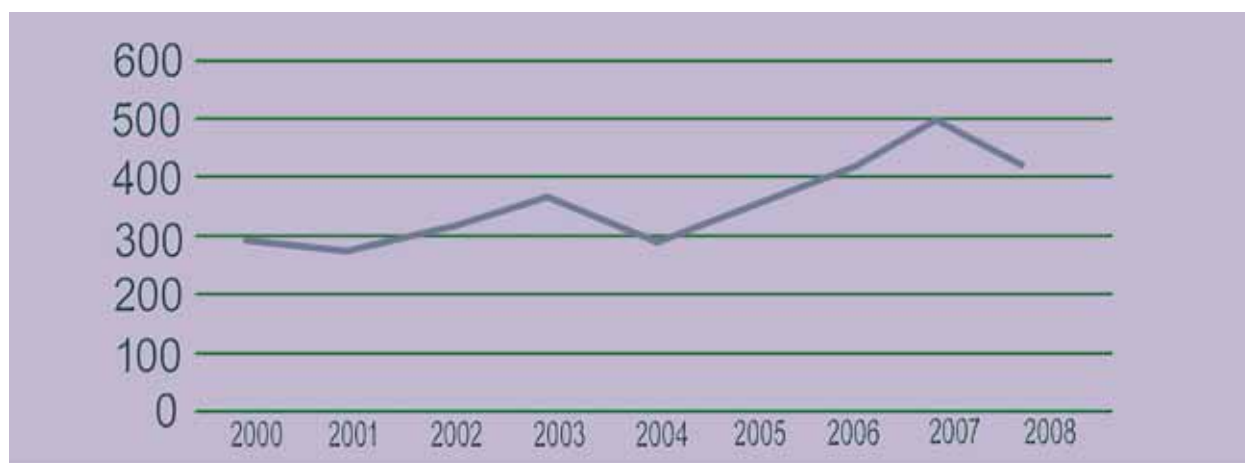
number of full-time positions - based on the Personnel Dept. data by 31 Dec 2008

DEVELOPMENT OF PUBLISHING ACTIVITY IN JOURNALS WITH IF NUMBER OF PUBLICATIONS – IF TOTAL 2000 – 2008

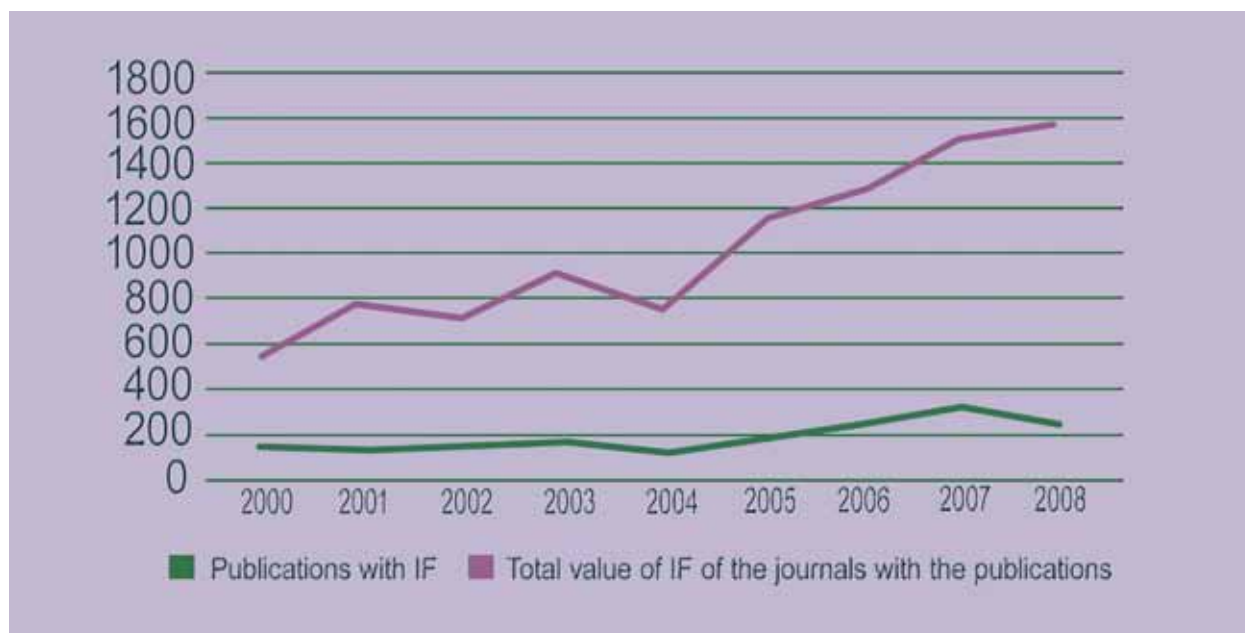
The value of the impact factor (IF) is a bibliometric parameter which has a long tradition. It is related to the importance of the journal and its values are yearly published by the Journal Citation Report, part of the Web of Knowledge™ data base. An author's aim is always to publish in the periodical with an IF that is as high as possible (Table 1). The efforts done by the authors from the First Faculty of Medicine have been reflected in the still increasing number of papers published in journals with still higher IF values (Table 2).

	Number of publications with IF	Sum total of IF values of journals with the respective publications
2000	290	504.6
2001	283	769.6
2002	304	704.3
2003	345	902.6
2004	293	756.1
2005	353	1160.8
2006	415	1294.6
2007	495	1530.8
2008	430	1566.3

Number of publications in journals with impact factor



Number of articles published in journals: development in terms of quantity and quality



Number of publications in journals with impact factor - 2000 - 2008

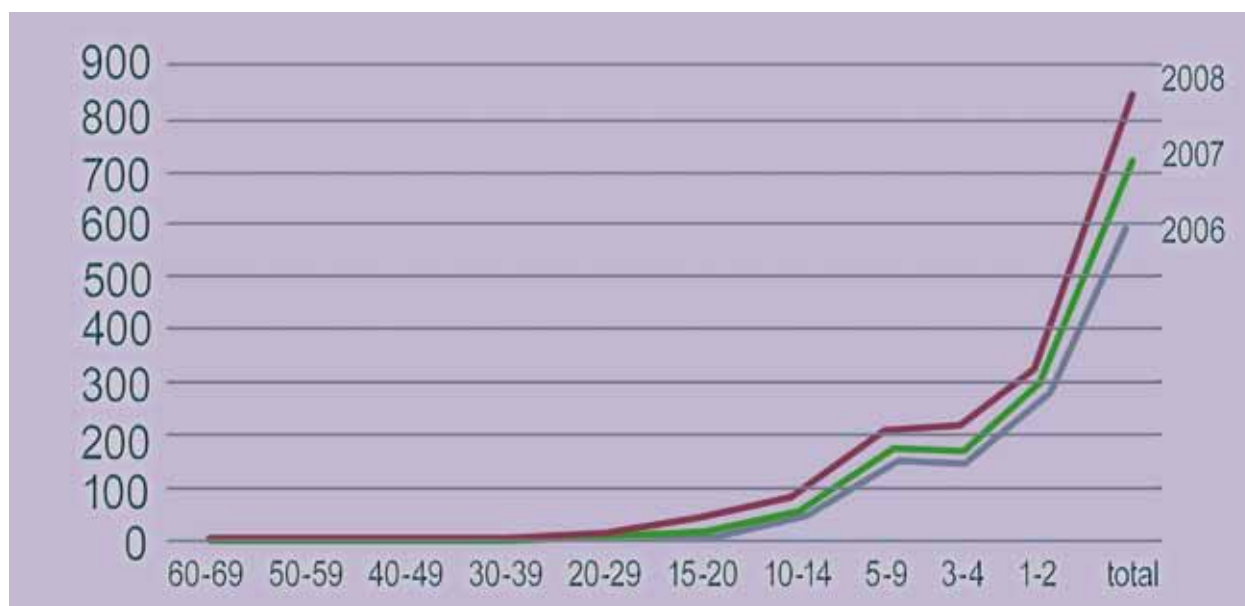
INTERVAL IF	2000			2001			2002			2003			2004			2005			2006			2007			2008		
	origi- nal	synop- tic	total	original	synop- tic	total	original	synop- tic	total	original	synop- tic	total	original	synop- tic	total	original	synop- tic	total	original	synop- tic	total	original	synop- tic	total			
50.000- 52.589	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2		
30.000- 39.999	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	3	0	3	0	0	0	0	10	0	10		
20.000- 29.000	1	0	1	2	0	2	1	0	1	1	0	1	1	1	2	6	0	6	1	0	1	3	2	1	3		
15.000- 19.999	0	0	0	2	0	2	1	0	1	0	1	1	0	0	0	2	0	2	2	0	0	2	0	0	2		
10.000- 14.999	3	1	4	7	0	7	4	0	4	5	0	5	5	0	11	11	0	11	2	2	4	6	2	1	3		
9.000- 9.999	2	0	2	1	0	1	1	0	1	0	0	0	2	0	1	1	0	1	1	0	1	4	1	0	1		
8.000- 8.999	0	4	4	7	0	7	2	0	2	3	0	3	0	0	0	3	0	3	1	4	5	2	1	1	2		
7.000- 7.999	0	1	1	5	0	5	7	0	7	5	1	6	7	0	5	5	0	5	12	0	12	7	0	1	11		
6.000- 6.999	0	0	0	7	1	8	11	0	11	11	0	11	13	1	14	7	1	8	6	0	6	6	2	8	10		
5.000- 5.999	5	1	6	5	0	5	3	1	4	11	1	12	12	1	13	5	0	5	20	1	21	27	3	30	21		
4.000- 4.999	5	0	5	15	0	15	20	0	20	12	0	12	7	0	7	29	1	30	25	1	26	33	2	35	31		
3.000- 3.999	15	11	26	15	2	17	34	0	34	48	2	50	32	5	37	37	2	39	52	1	53	58	10	68	52		
2.000- 2.999	46	8	54	47	2	49	51	3	54	68	6	74	49	2	51	64	6	70	97	3	100	95	5	100	86		
1.000- 1.999	86	16	102	88	2	90	79	1	80	70	2	72	79	6	85	93	4	97	75	3	78	102	10	112	146		
0.001- 0.999	66	19	85	68	7	75	83	2	85	88	8	96	65	5	70	68	8	76	91	12	103	104	14	118	50		
TOTAL	229	61	290	269	14	283	297	7	304	324	21	345	272	21	293	331	22	353	388	27	415	448	47	495	46	430	

HIRSCH INDEX

The Web of Science data base enables to generate the Hirsch index (H-index) for both particular authors and whole institutions. For the first time in 2007, this new index became part of evaluation of scientific and professional activity of the Faculty staff. In this year's evaluation we therefore have the chance to compare the development between past years. By 31st December 2007 the h-index was 46, by 31st December 2008 it has reached the value of h-index = 51, and **by 31st December 2009** was as high as the **h-index = 55**.

Hirsch index of authors from the First Faculty of Medicine of Charles University 2006 - 2008

H-index	2006	2007	2008
60 - 69	0	1	1
50 - 59	0	1	0
40 - 49	0	1	1
30 - 39	2	1	2
20 - 29	11	10	11
15 - 20	8	18	22
10-14	50	56	66
5-9	154	189	215
3-4	147	195	208
1-2	265	292	312
TOTAL	637	764	838



H-index - authors from the First Faculty of Medicine - Charles University in Prague (data by 31 December 2009)

CODE	SURNAME	FIRST NAME	H-index
351	Městecký	Jiří	62
180	Prchal	Josef T.	44
650	Martásek	Pavel	38
160	Pravenec	Michal	30
130	Hynie	Sixtus	29
160	Křen	Vladimír	29
641	Štěpán	Jan	29
351	Říhová	Blanka	26
400	Houštěk	Josef	26
351	Tlaskalová-Hogenová	Helena	25
401	Raška	Ivan	25
110	Halata	Zdeněk	22
400	Elleder	Milan	21
530	Haluzík	Martin	21
641	Pavelka	Karel	21
110	Smetana	Karel	18
130	Krejčí	Ivan	18
520	Horký	Karel	18
530	Škrha	Jan V.	18
400	Kožich	Viktor	17
511	Tesař	Vladimír	17
530	Marek	Josef	17
130	Jonák	Jiří	16
160	Křenová	Drahomíra	16
180	Nečas	Emanuel	16
200	Bencko	Vladimír	16
410	Zima	Tomáš	16
600	Nevšímalová	Soňa	16
650	Zeman	Jiří	16
110	Grim	Miloš	15
140	Křepela	Evžen	15
160	Otová	Berta	15
410	Michalová	Kyra	15
510	Michalová	Kyra	15
530	Pacovský	Vladimír	15
530	Schreiber	Vratislav	15
850	Nohýnková	Eva	15
110	Sedmera	David	14
130	Hlíňák	Zdeněk	14
130	Kraml	Jiří	14
130	Štípek	Stanislav	14
351	Stejskalová	Věra	14
520	Aschermann	Michael	14

610	Zvolský	Petr	14
850	Kolářová	Libuše	14
110	Druga	Rastislav	13
180	Stopka	Tomáš	13
191	Čermák	Jaroslav	13
600	Havrdová	Eva	13
610	Raboch	Jiří	13
641	Vencovský	Jiří	13
790	Cibula	David	13
861	Frič	Přemysl	13
110	Dvořánková	Barbora	12
130	Navrátil	Tomáš	12
150	Mourek	Jindřich	12
150	Trojan	Stanislav	12
160	Bílá	Vlasta	12
310	Povýšil	Ctibor	12
351	Prokešová	Ludmila	12
400	Hřebíček	Martin	12
400	Kmoch	Stanislav	12
400	Ledvinová	Jana	12
410	Šmíd	František	12
435	Petruželka	Luboš	12
520	Linhart	Aleš	12
530	Češka	Richard	12
530	Hradec	Jaromír	12
630	Petruželka	Luboš	12
110	Petrovický	Pavel	11
130	Crkovská	Jiřina	11
130	Flegel	Martin	11
170	Poučková	Pavla	11
180	Kornalík	František	11
400	Filipec	Martin	11
400	Kostrouch	Zdeněk	11
410	Kalousová	Marta	11
410	Kvasnička	Jan	11
410	Zemanová	Zuzana	11
510	Kvasnička	Jan	11
510	Zemanová	Zuzana	11
530	Hilgertová	Jiřina	11
530	Kršek	Michal	11
600	Jech	Robert	11
760	Bártová	Jiřina	11
110	Plzáková	Zuzana	10
140	Borovanský	Jan	10
140	Duchoň	Jiří	10
140	Šedo	Alexi	10

180	Vokurka	Martin	10
191	Dyr	Jan E.	10
351	Holada	Karel	10
401	Cmarko	Dušan	10
510	Neuwirtová	Radana	10
520	Kořínek	Josef	10
530	Hána	Václav	10
530	Widimský	Jiří	10
540	Tvrzická	Eva	10
600	Růžička	Evžen	10
600	Šonka	Karel	10
610	Papežová	Hana	10
650	Hansíková	Hana	10
790	Fanta	Michael	10
110	Plzák	Jan	9
130	Pláteník	Jan	9
130	Strunecká	Anna	9
150	Langmeier	Miloš	9
150	Pokorný	Jaroslav	9
160	Šeda	Ondřej	9
170	Klaschka	Jan	9
180	Petrák	Jiří	9
180	Živný	Jan H.	9
190	Farghali	Hassan	9
351	Julák	Jaroslav	9
351	Mělková	Zora	9
351	Šterzl	Ivan	9
400	Asfaw	Befekadu	9
410	Vítek	Libor	9
530	Broulík	Petr D.	9
530	Prázný	Martin	9
530	Svačina	Štěpán	9
540	Vítek	Libor	9
641	Dostál	Ctibor	9
641	Gatterová	Jindřiška	9
710	Pinskerová	Věra	9
730	Betka	Jan	9
730	Plzák	Jan	9
790	Kobilková	Jitka	9

790	Živný	Jaroslav	9
861	Zavoral	Miroslav	9
130	Fialová	Lenka	8
130	Kadlecová	Libuše	8
130	Klenerová	Věra	8
160	Kohoutová	Milada	8
160	Stříbrná	Jana	8
160	Šedová	Lucie	8
170	Vítek	František	8
180	Šulc	Karel	8
180	Vyoral	Daniel	8
190	Idle	J.R.	8
191	Kobylka	Petr	8
200	Zvárová	Jana	8
310	Dužková	Jaroslava	8
330	Fuksová	Květoslava	8
330	Šámal	Martin	8
351	Souček	Andrej	8
351	Šírová	Milada	8
360	Balíková	Marie	8
380	Boudová	Lea	8
380	Haluzíková	Denisa	8
400	Poupětová	Helena	8
401	Růžičková	Šárka	8
410	Jáchymová	Marie	8
510	Klener	Pavel	8
511	Lachmanová	Jana	8
520	Wichterle	Dan	8
530	Lacinová	Zdeňka	8
530	Štulc	Tomáš	8
590	Fialová	Daniela	8
590	Topinková	Eva	8
600	Roth	Jan	8
641	Šenolt	Ladislav	8
650	Mikula	Ivan	8
650	Němcová	Dana	8
790	Calda	Pavel	8
860	Beneš	Vladimír	8
861	Mareček	Zdeněk	8

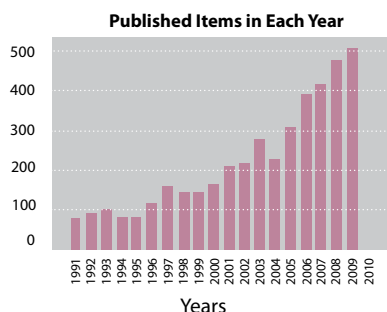
H-index of Charles University in Prague – the First Faculty of Medicine

h-index = 55 (data by 31 December 2009)**Citation Report**

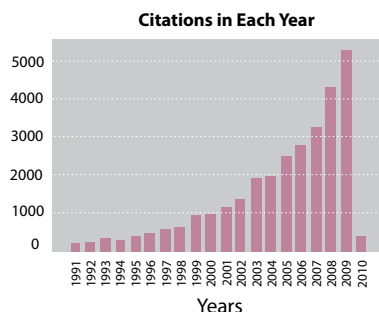
Adress=(charles univ in Prague) AND Address=(1st med fac) OR Address=(med fac 1) OR Address=(fac med 1)

Timespan=1945-2009. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, SPCI-SSH, IC, CCR-EXPANDED.

This report reflects citations to source items indexed within Web of Science. Perform's Cited Reference Search to include citations to items not indexed within Web of Science.



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View a graph with all years.

Results found: 5 094

Sum of the Times Cited: 31 994

View Citing Articles

View without self-citations

Average Citations per Item: 6,28

h-index: 55

Source of the data: Web of Knowledge™ Thompson Reuters

On 11th May 2009 a joint press conference took place in Faust House, whose topic was *The present and prospects of the First Faculty of Medicine and the General Teaching Hospital at Charles Square*. From the left: Prof. T. Zima (Dean of the First Faculty of Medicine of Charles University), Ms. D. Jurásková (Minister of Health of the Czech Republic), Mr. M. Šnajdr (deputy to the Minister of Health), Prof. V. Hampf (Rector of Charles University), Dr. J. Bém (Lord Mayor of the Capital City of Prague), Ms. J. Černochová (Mayor of the district Prague 2), Dr. B. Šťastný (vice-chairman of the Parliament Board for Health).

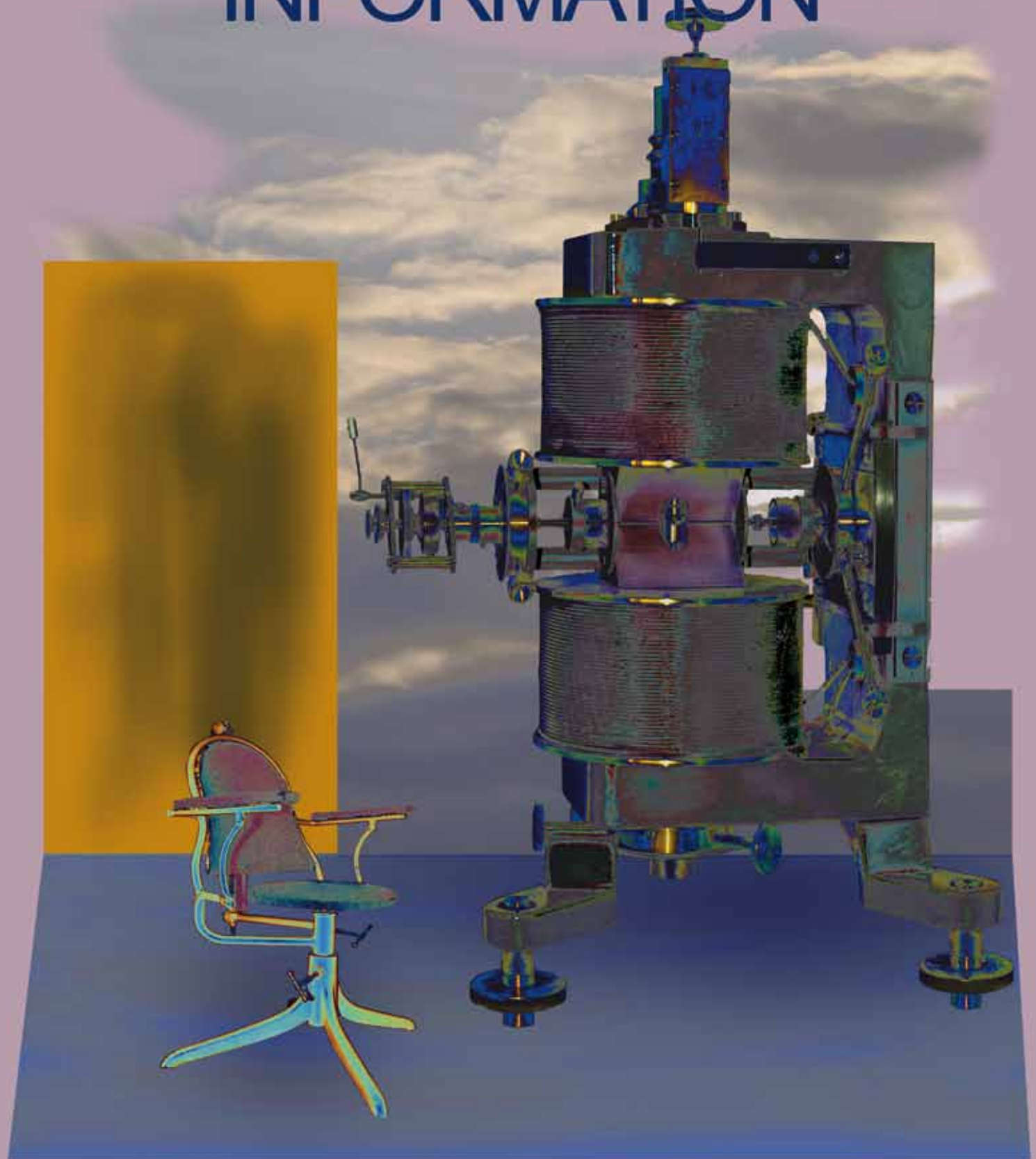


The Easter concert, already the 9th in the cycle Faculty in the heart of Karlov, took place in the church of Assumption and St. Charles the Great at Karlov.



On 24th June 2009 the Purkinje Prize, the highest award of the Czech J. E. Purkinje Medical Association, was conferred to Prof. Jiří Tichý, the outstanding specialist in the field of neurology and emeritus Head of the Department of Neurology of the Faculty.

THE INSTITUTE OF SCIENTIFIC INFORMATION



INSTITUTE OF SCIENTIFIC INFORMATION

For the Institute of Scientific Information of the First Faculty of Medicine of Charles University, 2009 was a turning point – a year that dramatically influenced not only the operation of the Institute but actually the life of all our users as well.

Between 2007 and 2009 the Institute of Scientific Information had to move the workplaces from room to room several times, as a result of the reconstruction of the building of the Dean's Office at 32 Kateřinská. Concurrently with the renovation of the said building, the management of the Faculty was able to start the reconstruction of another building, at 4 U Nemocnice. This was completed in the summer of 2009 and the Institute of Scientific Information – together with one part of the Institute for History of Medicine and Foreign Languages – could move in. Before starting to move to the other building, we set the priorities of the transfer in order to eliminate any delays and – above all – to prevent any disturbances in the daily operation and availability of the services. First of all the transfer of the Bibliographic Information Section took place, which actually did not stop collecting scientific research data, processing responses in quotation or providing consultations. Another priority was to move the library of the Institute of Scientific Information.

Anyone who has ever moved a big collection of books knows how complex and demanding this activity is in terms of physical strain and organization. For this reason the library collection was undergoing the process of continuous updating: obsolete and disused documents were sorted out to prepare the collection for the coming transfer. After specifying the terms and setting up a schedule the collection, updated and sorted out beforehand, was gradually moved from the old shelves to the new premises. Only after that the transfer of technical, administrative and other necessary background equipment of the Institute was undertaken. Thanks to the long-term planning, good organization, support from the management of the Faculty and active approach of the staff of the Institute as well as the Technical-operational Department the demanding action was successfully completed and by the beginning of the academic year the Institute of Scientific Information started to work in modern setting at the new place without any substantial delay.

The opening ceremony was held on 14th October 2009. On the occasion Professor Tomáš Zima, the Dean of the Faculty, welcomed several prominent guests, including Ms Miroslava Kopicová, the minister of education, Ms Dana Jurásková, the minister of health, Mr. Pavel Bém, the Lord Mayor of Prague, and Dr. Jan Bříza, the acting director of the General Teaching Hospital.

In its new place the Institute of Scientific Information found adequate premises that meet the requirements of the staff. Spacious depositories are equipped with compact shelf systems, which enable to store specific types of documents together and also allow the collection to widen for years. The whole building is equipped with modern computer technology and new furniture. More substantial, however, is the change concerning the users and the services they are provided with. In the study rooms, 150 seats are available now, with connection for own laptops, sufficient capacity of the loan services, on-line access to the Central Catalogue of Charles University, self-service photocopying and printing etc. Also open for students is a large computer room with 65 seats (whose operation is secured by the Computer Technology Department of the First Faculty of Medicine).

In keeping with the layout of the premises is also the new arrangement of organization sections of the Institute, prepared in advance and set by the Dean's Order number 15/2009.

As a new organization unit, the section of Reference Services and E-resource Management was established. Electronic information resources became an inseparable part of the collection items of the Institute of Scientific Information. Statistical data suggest that full-text resources are used most. Thanks to the INFOZ project, continuity in access to basic bibliographic, factual and in particular full-text information was secured. In the recent period the Institute has mainly focused on purchase and subscription of electronic books from various publishers abroad, such as Thieme, Oxford University Press, etc. All resources available were, immediately following the opening, listed on the web pages of the First Faculty of Medicine and at a time opened to access at the Electronic Resource Portal of Charles University.

The Section of Records of Publication Items, Evaluation of the Scientific Research of the First Faculty of Medicine and Editing Activities (the former Bibliographic Information Section) performed routine collection of data of publishing activities of the Faculty's staff throughout 2009, using new software which was implemented at the Faculty in 2008. Processed data of the Faculty were, at set terms, conveyed to the Register of Information on Results (RIV), to the data base of the Rector's office of Charles University and – last but not least – to the system of evaluation of publishing activities at the First Faculty of Medicine. Representatives of the Bibliographic Information Section attended all work meetings at the Rector's office of Charles University that concerned processing of bibliographic data in the projected unified University software OBD. In these meetings they could respond some queries concerning collection and processing of bibliographic data in the new software, giving specific comments and promoting flexibility of the system, so that it will meet the needs of the First Faculty of Medicine as much as possible until the Faculty will be able to start its implementation. Apart from providing consultations, the Section organized – like in the previous years – meetings of those involved in processing the data concerning the publishing activities of the Faculty staff. We experienced not only big attendance but above all wide interest in the problems shown, and in many cases deep knowledge of the field among the trainees. From these meetings many comments and suggestions arose, which were – in substantiated cases – implemented in the system of data collection and processing. Ten years ago collection of data concerning publishing activities through electronic protocols was launched at the Faculty by particular authors and institutions, together with processing the citation responses. This is an occasion to thank all those colleagues from the other institutions at the Faculty for their great effort and contribution to the development of the system in the past decade.

Basing on the data provided by particular organization units of the Faculty, the Section prepared the Dean's Order number 10/2009, which deals with the full form of names of all units of the Faculty, whose correct writing is important as part of preparation to the new system of financing according to the results given in RIV. The Order therefore imposes the obligation for all the Faculty staff members to enter the name of their institution correctly, as listed in the annex to the document, in all their publications.

In 2009 we were able to widen and stabilize the team of the Institute. Besides the regular staff, also students of the Faculty of Arts and Philosophy in the programme of library and information science have been admitted to the team. They mainly secure the services in the afternoon but also get a chance to explore some other basic activities that the librarian's profession involves. These young education professionals may possibly become a valuable source of working power for the Institute in future.

Continuously the staff of the Institute took part in undergraduate education of students of our Faculty. Syllabi for training in *Information for literacy* were optimized for the purposes of students in Bachelor as well as Master degree programmes in the academic year 2009-2010. Special emphasis was on composition of the graduation theses and their technicalities. At its new place the Institute of Scientific Information obtained a seminar room with 30 workstations, equipped by projecting as well as computer technology. This room is also used by the Institute to give seminars for professional public of the Faculty and Hospital, concerning e.g. work with electronic resources, publishing and editing etc.

The Institute also conceived the innovated Dean's Order number 17/2009 (which replaced the Order 10/2008) on publishing and further access to graduation theses, which solves the problem of theses of both undergraduate and postgraduate students, handling the theses before and after completion of training, as well as their storage in the archives and further access to them via

the Library of the Institute of Scientific Information of the First Faculty of Medicine.

The Library co-operated with particular organization units of the Faculty or with principal teachers of particular subjects and other teaching staff to provide the necessary study literature for students. The lists of literature at the Student Information System and at the websites of particular institutions, which are attached to specific subjects taught at the Faculty, provide a basis for purpose-aimed effective completion of the library collection. The students therefore can get the relevant recommended documents in the maximal reasonable number of copies.

We can state that despite the difficult conditions of 2009 the Institute was able to secure all its activities in the sphere of promotion of education and scientific research processes. Operation of all its sections was only interrupted for the absolutely necessary minimum of time, which the overwhelming majority of users did not even realize.

By the end of 2009 the services of the Institute of Scientific Information were provided for 7,774 users – not only students and teachers of our Faculty and University but also the staff of the General Teaching Hospital, who are offered the same scope of services as the Faculty staff. The circle of our users, particularly users of the Library, includes even wider circles of professional and lay public. All users certainly welcomed the new, completely updated web pages of the Institute of Scientific Information of the First Faculty of Medicine, presented both in the Czech and English version.

Basic data of the library

Acquisition of the library collection in 2009	2,662
Total library collection	248,250
Number of titles of periodicals taken	175
• electronic titles *	51,269
Total opening hours per week	58
Number of units loaned out	181,250
Number of users of ISI	7,774
Number of users' seats in the resource room	134
Number of volumes freely accessible	3,924

* Electronic periodicals **activated** by subscription, exchange or donation (incl. consorcial titles).

Structure of financial resources

	2009	2008	2007	2006
Faculty budget	697,368	774,654	687,696	1,037,611
Special subsidies	1,916,640	1,506,460	2,285,088	2,759,515
Sponsoring & donations	111,447	188,321	32,994	130,331
Other resources	971,133	601,002	607,346	2,829
Total	3,696,588	3,070,437	3,613,124	3,930,286

Number of inter-library and international loans

	2009	2008	2007	2006
Inter-library – lent	536	586	634	528
Inter-library – borrowed	1,648	1,171	858	1,074
International – borrowed	157	220	225	218
Total	2,341	1,977	1,717	1,820

LIST OF MONOGRAPHS AND TEXTBOOKS BY AUTHORS OR CO-AUTHORS FROM THE FIRST FACULTY OF MEDICINE, PUBLISHED IN 2008 (BY RESPECTIVE PUBLISHERS)

Academia

SMRČKA, Václav; KUŽELA, Václav; POVÝŠIL, Ctibor. *Atlas chorob na kostních preparátech. Horní a dolní končetiny*. [Atlas of diseases on bone specimens: Upper and lower extremities.] Praha : Academia, 2009. 615 pp. ISBN 978-80-200-1765-9.

SÝKORA, Viktor; HROUDOVÁ, Věra. *Tajemství rostlin*. [Secret of plants.] Praha : Academia, 2009. 240 pp. ISBN 978-80-200-1770-3.

Adéla

OŠLEJŠKOVÁ, Hana et al. *Epileptické a neepileptické záchvaty v dětství a adolescenci*. [Epileptic and non-epileptic seizures in childhood and adolescence.] Plzeň : Adéla, 2009. 274 pp. ISBN 978-8087094-06-8.

ROKYTA, Richard et al. *Bolesti zad*. [Back pains.] Plzeň : Adéla, 2009. 182 pp. ISBN 978-80-87094-14-3.

Balneotherma

FERENČÍK, Miroslav et al. *Zápal – fundamentální princip vzniku chorob*. [Inflammation: fundamental principles of occurrence of diseases.] Bratislava : Balneotherma, 2009. 357 pp. ISBN 978-80-970-1561-9.

BMJ

BIJLSMA, Johanne W. J. et al. *Eular compendium of rheumatic diseases*. London : BMJ, 2009. 840 pp. ISBN 978-19-05545-35-3.

Centrum doporučených postupů pro praktické lékaře

BÝMA, Svatopluk; HRADEC, Jaromír. *Prevence kardiovaskulárních onemocnění – doporučený diagnostický a léčebný postup pro všeobecné praktické lékaře – novelizace 2009*. [Prevention of cardiovascular diseases: Recommended diagnostic and therapeutic procedure for general practitioners – 2009 update.] Praha : Centrum doporučených postupů pro praktické lékaře, 2009. 12 pp. ISBN 978-80-86998-32-9.

HRADEC, Jaromír; BÝMA, Svatopluk. *Ischemická choroba srdeční – doporučený diagnostický a léčebný postup pro všeobecné praktické lékaře – novelizace 2009*. [Ischemic heart disease: Recommended diagnostic and therapeutic procedure for general practitioners – 2009 update.] Praha : Centrum doporučených postupů pro praktické lékaře, 2009. 16 pp. ISBN 978-80-86998-36-7.

Centrum pro studium demokracie a kultury

HUŠEK, Vít; KITZLER, Petr; PLÁTOVÁ, Jana (eds.). *Antické křesťanství. Liturgie, rétorika, antropologie*. [Ancient Christianity: Liturgy, Rhetoric, Anthropology.] Brno : CDK, 2009. 212 pp. ISBN 978-80-7325-190-1.

Facta Medica

PERUŠČOVÁ, Jindřiška; ČEŠKA, Richard (eds.). *Kardiabetes. Kardiovaskulární choroby a diabetes mellitus*. [Cardiodiabetes: Cardiovascular diseases and diabetes mellitus.] Brno : Facta Medica, 2009. 239 pp. ISBN 978-80-904260-1-6.

PERUŠČOVÁ, Jindřiška et al. *Léčba inzulinem a diabetes mellitus 2. typu*. [Insulin therapy and Type 2 diabetes.] Brno : Facta Medica, 2009. 236 pp. ISBN 978-80-904260-3-0.

VRABLÍK, Michal et al. *Otazníky kardiiovaskulární prevence 2009*. [Questions of cardiovascular prevention 2009.] Brno : Facta Medica, 2009. 158 pp. ISBN 978-80-904260-2-3.

Galén

ABRAHÁMOVÁ, Jitka (poř.). *Vybrané otázky onkologie*. [Selected issues of oncology.] Praha : Galén, 2009. 218 pp. Sv. 13. ISBN 978-80-7262-646-5.

BABJUK, Marko et al. *Konsenzuální doporučené postupy v uro-onkologii*. [Consensual recommended procedures in uro-oncology.] Praha : Galén, 2009. 126 pp. ISBN 978-80-7262-639-7.

BENEŠ, Jiří (ed.). *Infekční lékařství*. [Medicine of infectious diseases.] Praha : Galén, 2009. 651 pp. ISBN 978-80-7262-644-1.

DOLEŽAL, Antonín; KUŽELKA, Vítězslav; ZVĚŘINA, Jaroslav. *Evropa – kolébka vědeckého porodnictví*. [Europe – the cradle of scientific obstetrics.] Praha : Galén, 2009. 98 pp. ISBN 978-80-7262-506-2.

GOETZ, Michal; UHLÍKOVÁ, Petra. *ADHD. Porucha pozornosti s hyperaktivitou*. [ADHD: Disturbance of alertness with hyperactivity.] Praha : Galén, 2009. 160 pp. ISBN 978-80-7262-630-4.

HUBÁLKOVÁ, Hana; KRŇOULOVÁ, Jana. *Materiály a technologie v protetickém zubním lékařství*. [Materials and technologies in prosthetic dentistry.] Praha : Galén, 2009. 301 pp. ISBN 978-80-7262-581-9.

KLENER, Pavel et al. *Propedeutika ve vnitřním lékařství*. [Propaedeutics in internal medicine.] 3rd rev. ed. Praha : Galén, 2009. 324 pp. ISBN 978-80-7262-643-4.

KOLÁŘ, Jiří et al. *Kardiologie pro sestry intenzivní péče*. [Cardiology for nurses in intensive care.] 4th amm. & rev. ed. Praha : Galén, 2009. 480 pp. ISBN 978-80-7262-604-5.

LIPPERTOVÁ-GRÜNEROVÁ, Marcela. *Trauma mozku a jeho rehabilitace*. [Brain trauma and its rehabilitation.] Praha : Galén, 2009. 148 pp. ISBN 978-80-7262-569-7.

PAŘÍZEK, Antonín. *Kniha o těhotenství a dítěti*. [A book of pregnancy and baby.] 4th ed. Praha : Galén, 2009. 738 pp. ISBN 978-80-7262-653-3.

PELCOVÁ, Daniela et al. *Nejčastější otravy a jejich terapie*. [The commonest poisonings and their therapy.] Praha : Galén, 2009. 163 pp. ISBN 978-80-7262-603-8.

Sborník referátů XXXI. soudně psychiatrické a psychologické konference. [Collection of presentations at 31st Conference of Forensic Psychiatry and Psychology.] Praha : Galén, 2009. 147 pp. ISBN: 978-80-7262-634-2.

ŠKRHA, Jan et al. *Diabetologie*. [Diabetology.] Praha : Galén, 2009. 417 pp. ISBN 978-80-7262607-6.

VESELKA, Josef; LINHARTOVÁ, Kateřina; ZEMÁNEK, David et al. *Kardiomyopatie*. [Cardiomyopathy.] Praha : Galén, 2009. 156 pp. ISBN 978-80-7262-640-3.

VOTRUBOVÁ, Jana et al. *Klinické PET a PET/CT*. [Clinical PET and PET/CT.] Praha : Galén, 2009. 207 pp. ISBN 978-80-7262-619-9.

Galén, - Karolinum

ELIŠKA, Oldřich; ELIŠKOVÁ, Miloslava. *Aplikovaná anatomie pro fyzioterapeuty a maséry*. [Applied anatomy for physiotherapists and masseurs.] Praha : Galén - Karolinum, 2009. 201 pp. ISBN 978-80-7262-590-1, ISBN 978-80-246-1716-9.

FIALA, Pavel; MUSIL, Jaromír et al. *Onemocnění pleurálního prostoru*. [Pleural cavity diseases.] Praha : Galén - Karolinum, 2009. 187 pp. ISBN 978-80-7262-551-2, ISBN 978-80-246-1601-8.

NAŇKA, Ondřej; ELIŠKOVÁ, Miloslava. *Přehled anatomie*. [Survey of anatomy.] 2nd rev. & amm. ed. Praha : Galén - Karolinum, 2009. 416 pp. ISBN 978-80-7262-612-0, ISBN 978-80-246-1717-6.

Grada

ABRAHÁMOVÁ, Jitka et al. *Co byste měli vědět o rakovině prsu*. [All you should know about breast cancer.] Praha : Grada, 2009. 143 pp. ISBN 978-80-247-3063-9.

CIBULA, David; PETRUŽELKA, Luboš et al. *Onkogynéologie*. [Onco-gynaecology] Praha : Grada, 2009. 614 pp. ISBN 978-80-247-2665-6.

DUŠEK, Ladislav et al. *Czech Cancer Care in Numbers 2008-2009*. Praha : Grada, 2009. 496 pp. ISBN 978-80-247-3244-2.

FIŠAR, Zdeněk et al. *Vybrané kapitoly z biologické psychiatrie*. [Selected chapters of biological psychiatry.] 2nd rev. ed. Praha : Grada, 2009. 383 pp. ISBN 978-80-247-2737-0.

JIRÁK, Roman; HOLMEROVÁ, Iva; BORZOVÁ, Claudia et al. *Dementia a jiné poruchy paměti : Komunikace a každodenní péče*. [Dementia and other memory disturbances: Communication and everyday care.] Praha : Grada, 2009. 164 pp. ISBN 978-80-247-2454-6.

KITTAR, Otomar; MLČEK, Mikuláš. *Atlas fyziologických regulací*. [Atlas of physiological regulations.] Praha : Grada, 2009. 316 pp. ISBN 978-80-247-2722-6.

LANGMEIER, Miloš et al. *Základy lékařské fyziologie*. [Basic medical physiology.] Praha : Grada, 2009. 320 pp. ISBN 978-80-247-2526-0.

LIPSKÁ, Ludmila; VISOKAI, Vladimír et al. *Recidiva kolorektálního karcinomu: komplexní přístup z pohledu chirurga*. [Recurrence of colorectal carcinoma: complex approach in a surgeon's aspect.] Praha : Grada, 2009. 431 pp., DVD. ISBN 978-80-247-3026-4.

MÁRA, Michal; HOLUB, Zdeněk et al. *Děložní myomy : moderní diagnostika a léčba*. [Uterine myomas: modern diagnosis and therapy.] Praha : Grada, 2009. 232 pp. ISBN 978-80-247-1845-5.

MARTÍNEK, Jindřich; VACEK, Zdeněk. *Histologický atlas*. [Histological atlas.] Praha : Grada, 2009. 134 pp. ISBN 978-80-247-2393-8.

PAVLOVSKÝ, Pavel et al. *Soudní psychiatrie a psychologie*. [Forensic psychiatry and psychology.] 3rd amended & updated ed. Praha : Grada, 2009. 226 pp. ISBN 978-80-247-2618-2.

ŘÍHOVÁ, Eva et al. *Uveitidy*. [Uveitides.] Praha : Grada, 2009. 134 pp. ISBN 978-80-247-2897-1.

TOMAN, Miroslav et al. *Veterinární imunologie*. [Veterinary immunology.] 2nd amended & updated ed. Praha : Grada, 2009. 392 pp. ISBN 978-80-247-2464-5.

VÍTEK, Libor. *Bilirubin a interní choroby*. [Bilirubin and internal diseases.] Praha : Grada, 2009. 123 pp. ISBN 978-80-247-2351-8.

Havlíček Brain Team

FRÜHAUF, Pavel et al. *Péče o dítě*. [Child care.] Praha : Havlíček Brain Team, 2009. 320 pp. ISBN 978-80-87109-14-4.

Health Publication

ABRAMS, Paul; CARDOSO, Linda et al. *Incontinence*. 4th ed. Paris : Health Publication, 2009. 1872 pp. ISBN 0-9546956-8-2.

Humana Press

REDDY, L. Harivardhan; COUVREUR, Patrick (eds.). *Macromolecular Anticancer Therapeutics*. New York : Humana Press, 2009. 624 pp. ISBN 978-1-4419-0506-2.

Izdatelstvo Instituta fiziologii im. A. A. Bogomoľca NAN Ukrainy

Antologija svetoterapii. [Anthology of phototherapy.] Kijev : Izdatelstvo instituta fiziologii im. A. A. Bogomoľca NAN Ukrainy, 2009. 1023 pp. ISBN 978-966-2044-04-1.

Kabinet pro dějiny vědy Ústavu pro soudobé dějiny Akademie věd ČR

KOSTLÁN, Antonín (ed.). *Práce z dějin vědy. Semináře a studie k dějinám vědy*. [Writings on history of science: Seminars and studies into history of science.] Praha : Kabinet pro dějiny vědy Ústavu pro soudobé dějiny Akademie věd ČR, 2009. 646 pp. ISBN 80-7285-050-1.

Karolinum

JULÁK, Jaroslav. *Praktická cvičení a semináře z lékařské mikrobiologie*. [Practical trainings and seminars in medical microbiology.] 2nd rev. ed. Praha : Karolinum, 2009. 113 pp. ISBN 978-80-246-1141-9.

KŘENOVÁ, Drahomíra; OTOVÁ, Berta. *How to Practise Biological and Medical Genetics*. 2nd ed. Praha : Karolinum, 2009. 199 pp. ISBN 978-80-246-1621-6.

KUDLOVÁ, Eva et al. *Hygienu výživy a nutriční epidemiologie*. [Hygiene of nutrition and nutritional epidemiology.] Praha : Karolinum, 2009. 287 pp. ISBN 978-80-246-1735-0.

NEČAS, Emanuel et al. *Obecná patologická fyziologie*. [General pathological physiology.] 3rd ed. Praha : Karolinum, 2009. 377 pp. ISBN 978-80-246-1688-9.

NEČAS, Emanuel et al. *Patologická fyziologie orgánových systémů*. [Pathological physiology of body systems.] 2nd ed. Praha :

Karolinum, 2009. 760 pp. 2 sv. ISBN 978-80-246-1711-4 (1. sv.). ISBN 978-80-246-1712-1 (2. sv.).

OTOVÁ, Berta; MIHALOVÁ, Romana; VYMLÁTIL, Jiří. I. *Základy biologie a genetiky II. : Vývoj a růst člověka*. [Basics of biology and genetics 2: Development and growth of the human.] 3rd ed. Praha : Karolinum, 2009. 181 pp. ISBN 978-80-246-1709-1.

PACLT, Ivo et al. *Attention-Deficit, Hyperactivity Disorder (ADHD) Biochemical, Genetic and Clinical studies*. Praha : Karolinum, 2009. 92 pp. AUC. Medica. Monographia, sv. 155. ISBN 978-80-246-1640-7. ISSN 0567-8250.

SMRČKA, Václav; WALKER, Phillip L. (eds.). *Social History and Anthropology*. Praha : Karolinum, 2009. 160 pp. AUC. Medica. Monographia, sv. 156. ISBN 978-80-246-1675-9. ISSN 0567-8250.

ZVÁROVÁ, Jana; SVAČINA, Štěpán; VALENTA, Zdeněk (eds.). *Systémy pro podporu lékařského rozhodování 3*. [Systems to support medical decision-making.] Praha : Karolinum, 2009. 507 pp. ISBN 978-80-246-1732-9.

M-Diag, s.r.o.

VYMAZAL, Josef. *Magnetická rezonance nervové soustavy : radiologické a klinické aspekty*. [Magnetic resonance of the nervous system: radiologic and clinical aspects.] Praha : M-DIAG, 2009. 130 pp. Epilepsie: neurodegenerativní onemocnění mozku, sv. 2. ISBN 80-903811-1-1.

Masarykova univerzita

MAREČKOVÁ – ŠTOLCOVÁ, Elena; REICHOVÁ, Hana; SEVEROVÁ, Marta; SVOBODOVÁ, Dana et al. *Latinitas medica*. Brno : Masarykova univerzita, 2009. 912 pp. ISBN 978-80-210-4758-7.

Maxdorf

ASTL, Jaromír; ASTLOVÁ, Eliška; MARKOVÁ, Eva. *Jak jíst a udržet si zdraví*. [How to keep up your health.] Praha : Maxdorf, 2009. 328 pp. ISBN 978-80-7345-175-2.

BENÁKOVÁ, Nina. *Ekzémy a dermatitidy*. [Eczemas and dermatitides.] 2nd ed. Praha : Maxdorf, 2009. 184 pp. Farmakoterapie pro praxi, sv. 36. ISBN 978-80-7345-177-6.

BROULÍK, Petr. *Osteoporóza a její léčba*. [Osteoporosis and its therapy.] 2nd ammended ed. Praha : Maxdorf, 2009. 159 pp. Farmakoterapie pro praxi, sv. 35. ISBN 978-80-7345-176-9.

DOLEŽAL, Antonín. *Lékařský dekameron*. [Medical Decameron.] Praha : Maxdorf, 2009. 301 pp. ISBN 978-80-7345-199-8.

FAIT, Tomáš; DVOŘÁK, Vladimír; SKŘIVÁNEK, Aleš et al. *Almanach ambulantní gynekologie*. [Almanac of out-patient gynaecology.] Praha : Maxdorf, 2009. 284 pp. ISBN 978-80-7345-191-2.

FAIT, Tomáš et al. *Očkování proti lidským papilomavirům*. [Vaccination against human papilomaviruses.] Praha : Maxdorf, 2009. 118 pp. ISBN 978-80-7345-204-9.

HAVRDOVÁ, Eva. *Roztroušená skleróza*. [Multiple sclerosis.] 2nd ammended ed. Praha : Maxdorf, 2009. 96 pp. ISBN 978-80-7345-187-5.

HRDÁ, Pavlína; NOVÁK, Zdeněk; ŠTERZL, Ivan. *Endokrinní orbitopatie*. [Endocrine orbitopathy.] Praha : Maxdorf, 2009. 190 pp. Farmakoterapie pro praxi, sv. 41. ISBN 978-80-7345-194-3.

HUGO, Jan et al. *Slovník nespisovné češtiny*. [Dictionary of non-literary Czech.] 3rd ammended ed. Praha : Maxdorf, 2009. 501 pp. ISBN 978-80-7345-198-1.

KARETOVÁ, Debora; BULTAS, Jan. *Farmakoterapie tromboembolických stavů*. [Pharmacotherapy of thromboembolic states.] Praha : Maxdorf, 2009. 136 pp. ISBN 978-80-7345-184-4.

LINDNER, Jaroslav; JANSÁ, Pavel. *Chronická tromboembolická plicní hypertenze : edarterektomie plicních tepen*. [Chronic thromboembolic lung hypertension.] Praha : Maxdorf, 2009. 152 pp. ISBN 978-80-7345-181-3.

ROTH, Jan; SEKYROVÁ, Marcela; RŮŽIČKA, Evžen et al. *Parkinsonova nemoc*. [Parkinson's disease.] 4th ammended ed. Praha : Maxdorf, 2009. 222 pp. ISBN 978-80-7345-178-3.

ŠONKA, Karel; PRETL, Martin. *Nespavost : průvodce ošetřujícího lékaře*. [Sleeplessness: an attending doctor's guide.] Praha : Maxdorf, 2009. 109 pp. ISBN 978-80-7345-203-2.

VOKURKA, Martin; HUGO, Jan et al. *Velký lékařský slovník*. [The big medical dictionary.] 9th ed. Praha : Maxdorf, 2009. 1159 pp. ISBN 978-80-7345-202-5.

Medical Tribune CZ

KOUKOLÍK, František; SVAČINA, Štěpán et al. *Věřte své inteligenci – pomáhá to*. [Let's believe our own intelligence – it helps.] Praha : Medical Tribune CZ, 2009. 208 pp. ISBN 978-80-8713-16-7.

Medical Tribune breviř 2009 : reumatologie/osteologie. [2009 Medical Tribune breviary.] Praha : Medical Tribune CZ, 2009. 531 pp. ISBN 978-80-87135-15-0.

Medimond-Monduzzi Editore

LEWIS, Basil S. (ed.). *New Approaches in Coronary Artery Disease*. Bologna : Medimond-Monduzzi Editore, 2009. 584 pp. ISBN 978-88-7587-526-8.

Mladá fronta

HALUZÍK, Martin et al. *Praktická léčba diabetu*. [Practical treatment of diabetes mellitus.] Praha : Mladá fronta, 2009. 361 pp. ISBN 978-80-204-2071-8.

KŘEMEN, Jaromír; KOTRLÍKOVÁ, Eva; SVAČINA, Štěpán. *Enterální a parenterální výživa*. [Enteral and parenteral nutrition.] Praha : Mladá fronta, 2009. 140 pp. ISBN 978-80-204-2070-1.

MACHOVCOVÁ, Alena. *Bandážování a kompresivní léčba – praktické rady pacientů*. [Bandaging and compressive therapy – patients' practical advice.] Praha : Mladá fronta, 2009. 28 pp. ISBN 978-80-204-1980-4.

MACHOVCOVÁ, Alena. *Kompresivní léčba ve flebologii – průvodce pacienta*. [Compressive therapy in phlebology – patient's guide.] Praha : Mladá fronta, 2009. 32 pp. ISBN 978-80-204-2091-6.

MACHOVCOVÁ, Alena. *Lymfedém – praktické rady pacientům*. [Lymphoedema: practical advice for patients.] Praha : Mladá fronta, 2009. 32 pp. ISBN 978-80-204-1976-8.

PLZÁKOVÁ, Zuzana; ŠTORK, Jiří; HERCOGOVÁ, Jana. *Kazuistické repertorium česko-slovenské dermatologie*. [Case study repe-

titory of Czech and Slovak dermatology.] Praha : Mladá fronta, 2009. 128 pp. ISBN 978-80-204-2049-7.

SVÁČINA, Štěpán. *Komorbidity obezity u dospělých a jejich léčba konzervativními postupy*. [Co-morbidity of obesity in adults and their conservative therapeutic procedures.] Praha : Mladá fronta, 2009. 262 pp. ISBN 978-80-204-2146-3.

ZÁMEČNÍK, Libor; SOUKUP, Viktor. *Prevence a léčba onemocnění močových cest*. [Prevention and treatment of diseases of urinary pathways.] Praha : Mladá fronta, 2009. 95 pp. ISBN 978-80-204-1941-5.

Mlýn

KARFIKOVÁ, Lenka; DUS, Jan A. (vyd.). *Milost v antické, židovské a křesťanské tradici*. [Mercy in classical, Jewish and Christian tradition.] Jihlava : Mlýn, 2009. 352 pp. ISBN 978-80-86498-30-0.

Nakladatelství Josef Raabe

STEJSKAL, František (ed.). *Cestovní medicína*. [Travel medicine.] Praha : Nakladatelství Josef Raabe, 2009. 360 pp. ISBN 978-80-86960-40-1.

Nova Publishers

KORHONEN, Lauri; LAINE, Elias (eds.). *New Topics in Eye Research*. New York : Nova Science Publishers, Inc., 2009. 217 pp. ISBN 978-1-60456-510-2.

O'LEARY, Marie; ARNETT, John (eds.). *Pregnancy protein research*. New York : Nova Publisher, 2009. 178 pp. ISBN 978-1-60692-396-2.

Old Herborn University

HEIDT, Peter J.; HANSON, Lars A.; TLASKALOVÁ-HOGENOVÁ, Helena; RUSCH, Volker (eds.). *Biological Consequences of Host-Microbe Interaction*. Old Herborn : Old Herborn University, 2009. 144 pp. Old Herborn University Seminar Monograph, sv. 22. ISBN 3-923022-33-6.

Osveta

ZVARA, Vladimír; HORŇÁK, Michal et al. *Urologické operácie*. [Urologic surgeries.] 2nd ed. Martin : Osveta, 2009. 288 pp. ISBN 978-80-8063-317-2.

Panax

SUCHOPÁR, Josef; VALENTOVÁ, Štěpánka (eds.). *Remedia compendium*. 4th rev. ed. Praha : Panax, 2009. 946 pp. ISBN 978-80-902806-4-9.

Portál, s.r.o.

BAŠTECKÁ, Bohumila et al. *Psychologická encyklopedie : aplikovaná psychologie*. [Psychological cyclopaedia: applied psychology.] Praha : Portál, 2009. 515 pp. ISBN 978-80-7367-470-0.

JANEČKOVÁ, Hana; HNILICOVÁ, Helena. *Úvod do veřejného zdravotnictví*. [Introduction to public health.] Praha : Portál, 2009. 294 pp. ISBN 978-80-7367-592-9.

RNDr. F. Skopec, CSc. – Nukleus HK

Klinická kardiologie. [Clinical cardiology.] Editors Jan Vojáček; Jiří Kettner. Hradec Králové : RNDr. F. Skopec, CSc. – Nukleus HK, 2009. 925 pp. ISBN 978-80-87009-58-1.

Scriptorium

BOBKOVÁ – VALENTOVÁ, Kateřina et al (eds.). *Roma - Praga. Praha - Řím*. [Rome – Prague. Prague – Rome.] Praha : Scriptorum, 2009. 464 pp. ISBN 978-8087271-14-8.

Sdružení SCAN/Centrum adiktologie PK 1. LF UK v Praze

ŠTASTNÁ, Lenka et al. *Manual for coding of media messages on addictive substances and the related issues*. Tišnov/Praha : Sdružení SCAN/Centrum adiktologie PK 1. LF UK v Praze, 2009. 48 pp. ISBN 80-86620-18-2.

ŠTASTNÁ, Lenka et al. *Obsahová analýza médií v oblasti uživatelů a užívání návykových látek: kódovací manuál*. [Contents analysis of mass media in the sphere of users and use of addictive substances.] Tišnov/Praha : Sdružení SCAN/Centrum adiktologie PK 1. LF UK v Praze, 2009. 44 pp. ISBN 80-86620-17-4.

Slovak Academic Press

HULÍN, Ivan et al. *Patofyziológia*. [Pathophysiology.] 7th ed. Bratislava : Slovak Academic Press, 2009. ISBN 978-80-8095-043-9.

ŠIMOVÁ, Iveta et al. *Pľúcna hypertenzia očami kardiológa*. [Lung hypertension from the cardiologist's view.] Bratislava : Slovak Academic Press, 2009. 340 pp. ISBN 978-80-8095-051-4.

Slovenská technická univerzita

KVASNIČKA, Vladimír et al. *Umelá inteligencia a kognitívna veda I*. [Artificial intelligence and cognitive science] Bratislava : Slovenská technická univerzita, 2009. 457 pp. ISBN 978-80-227-3080-8.

Society for Science and Environment

Metals and neurocity. Jalgaon : Society for Science and Environment, 2009. 248 pp. ISBN 81-85543-09-7.

Solen

Zimní období v ordinaci a lékárně. [Winter season in a doctor's surgery and in a pharmacy.] Olomouc : Solen, 2009. 94 pp. ISBN 978-80-87327-16-6.

Sovereign Publications

BRACEWELL, Martyn (ed.). *Neurology insights Europe*. London : Sovereign Publications, 2009. 52 pp. ISBN 978-1-906436-43-8.

Spektroskopická společnost Jana Marka Marci

CHROMÝ, Vratislav et al. *Management kvality v analytické a klinické chemii*. [Quality management in analytic and clinical chemistry.] Praha : Spektroskopická společnost Jana Marka Marci, 2009. 215 pp. ISBN 978-80-903732-6-6.

Springer – Verlag Berlin, Heidelberg

LANG, Florian (ed.). *Encyclopedia of Molecular Mechanisms of Disease*. Heidelberg : Springer – Verlag, 2009. 86, 2270 pp. ISBN 978-3-540-67136-7.

SCHWAB, Manfred (ed.). *Encyclopedia of Cancer*. 2nd ed. Berlin : Springer – Verlag, 2009. 87, 3235 pp. ISBN 978-3-540-36847-2.

Springer - Vienna

SINDOU, Marc (eds.). *Practical Handbook of Neurosurgery : From Leading Neurosurgeons*. Vienna : Springer, 2009. 1695 pp. ISBN 978-3-211-848197.

Steinkopff-Verlag, 2009

IZBICKI, Jakob R.; CHERNOUSOV, Alexander F.; BROERING, Dieter C. et al. (eds.). *Surgery of the Esophagus : Textbook and Atlas of Surgical Practice*. Darmstadt : Steinkopff-Verlag, 2009. 386 pp. ISBN 978-3-7985-1309-9.

Szent Adalbert Közép

ATTILA, Illés Pál (ed.). *A reménység prófétái*. [Prophet's hope] Esztergom : Szent Adalbert Közép, 2009. 173 pp. ISBN 978-963-9206-72-4.

Tigis

MATOUŠOVIČ, Karel; RYCHLÍK, Ivan; DUSILOVÁ-SULKOVÁ, Sylvie (eds.). *Hereditatis petitio české nefrologie*. [Hereditatis petitio of Czech nephrology.] Praha : Tigis, 2009. 456 pp. ISBN 978-80-903750-8-6.

Triton

BROŽA, Jiří (ed.). *Supervize v adiktologické praxi*. [Supervision in addictologic practice.] Praha : Triton, 2009. 156 pp. ISBN 978-80-7387-209-0.

CETKOVSKÝ, Petr et al. *Diferenciální diagnostika plicních infiltrátů a pokroky v léčbě mykotických infekcí u imunokompromitovaných pacientů*. [Differential diagnosis of lung infiltrations and progress in therapy of mycotic infection in immunocompromised patients.] Praha : Triton, 2009. 264 pp. ISBN 978-80-7387-343-1.

MARKALOUS, Bohumil; CHARVÁT, František; NEJEDLÝ, Jan; ŽYKOVÁ, Eva. *Rinitidy, sinusitidy a nosní polypy*. [Rhinitides, sinusitides and nasal polyps.] Praha : Triton, 2009. 405 pp. ISBN 978-80-7387-260-1.

MOUREK, Jindřich et al. *Mastné kyseliny Omega 3 – zdraví a vývoj*. [Omega 3 fatty acids: health and development.] 2nd ed. Praha : Triton, 2009. 192 pp. ISBN 978-80-7387-310-3

MYSLIVÉČEK, Jaromír et al. *Základy neurověd*. [Basics of neurosciences.] 2nd amm. & rev. ed. Praha : Triton, 2009. 390 pp. ISBN 978-80-7387-088-1.

ŠEDÝ, Jiří; FOLTÁN, René. *Klinická anatomie zubů a čelistí*. [Clinical anatomy of teeth and jaws.] Praha : Triton, 2009. 175 pp. ISBN 978-80-7387-312-7.

WIDIMSKÝ, Jiří et al. *Arteriální hypertenze – současné klinické trendy*. [Arterial hypertension – recent clinical trends.] Praha : Triton, 2009. 150 pp. ISBN 978-80-7387-269-4.

UK v Praze – 1. LF a VFN – IV. interní klinika – klinika gastroenterologie a hepatologie

Atherosklerosa 2009. [Atherosclerosis 2009.] Praha : IV. interní klinika 1. LF UK V Praze, 2009. 10, 100, 40 pp. ISBN 978-80-254-5389-6.

Univerzita Pardubice

VYTRÁS, Karel et al. *Sensing in electroanalysis*. Pardubice : Univerzita Pardubice, 2009. Svazek 4. 219 pp. ISBN 978-807395-212-9.

Úřad vlády ČR

MRAVČÍK, Viktor et al. *Výroční zpráva o stavu ve věcech drog v České republice v roce 2008*. [2008 annual report on the situation concerning recreational drugs in the Czech Republic.] Praha : Úřad vlády České republiky, 2009. 123 pp. ISBN 978-80-87041-99-4.

Vyšehrad

RÜCKL, Jan; ŠTICA, Petr. *Bonaventura Bouše : odkaz a vzpomínky*. [Bonaventura Bouše: his legacy and memories.] Praha : Vyšehrad, 2009. 203 pp. ISBN 978-80-7021-998-0.

WHO

HURTLEY, Charlotte (ed.). *Night Noise Guidelines for Europe*. Copenhagen : WHO, 2009. 224 pp. ISBN 978-92-890-4173-7.

Wolters Kluwer

ROKYTA, Richard; MAREŠOVÁ, Dana; TURKOVÁ, Zuzana. *Somatologie*. [Somatology.] Praha : Wolters Kluwer ČR, a.s., 2009. 260 pp. ISBN 978-80-7357-454-3.

World Scientific Publishing

AUDISIO, Riccardo A. (ed.). *Atlas of Procedures in Surgical Oncology with Critical, Evidence-based Commentary Notes*. Singapore : World Scientific Publishing, 2009. 300 pp. ISBN 9-8128-3293-9.

MEMOIRS PERTAINING TO THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN PRAGUE

ČECH, Oldřich (ed.). *Historie československé, české a slovenské ortopedie*. [History of Czechoslovak, Czech an Slovak orthopaedics.] Praha : Galén, 2009. 180 pp. ISBN 978-80-7262-629-8.

HNĚVKOVSKÝ, Přemysl. *Okupační stávky 68/69. The sit-ins of 68/69*. Praha : Přemysl Hněvkovský, 2009. 165 pp. ISBN 978-80-254-5760-3.

JOHN, Ctirad. *Zrcadlo mých lásek aneb Vzpomínky*. [The mirror of my loves, or Memories.] Editor František Houdek. Praha : Galén, 2009. 320 pp. ISBN 978-80-7262-641-0.

Křeslo pro Fausta 2009. [Chair for Faust 2009.] Editor Jaroslav Hořejší. Praha : Galén, 2009. 237 pp. ISBN 978-80-7262-655-7.

Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities

INTERNATIONAL RELATIONS



INTERNATIONAL RELATIONS OF THE FIRST FACULTY OF MEDICINE

In spite of the progressing economic depression, the international co-operation was at a very high level in 2009, both in terms of quantity and quality. The numbers of exchange programmes and once-only events with international participation still stayed at the previous level. The number of bilateral exchanges based on the framework of contractual connection of Charles University or the First Faculty of Medicine itself even increased. Also the international contacts of particular institutes or departments and their representatives have preserved their dynamism. Among our partners are many universities and scientific institutions abroad, not only in Europe but also in USA, Australia, Mexico, Latin America. More and more intensively, co-operation with Asian partners develops. First contacts are now made with some African countries.

In education and science, co-operation takes the form of bilateral activities in both undergraduate and postgraduate training, seminars and congresses. Compared to the years before, the proportion of lectures by foreign professors increased at the First Faculty of Medicine, which was mainly because of the better use of the scope of possibilities of financing the teachers' mobility. A large number of presenters from abroad participated in conferences and workshops organized by particular Faculty institutions as well as professional medical societies in co-operation with the First Faculty of Medicine. The number of travels of our teachers to universities abroad increased, now also in the role of lecturers and invi-

ted experts at particular questions (in which the Faculty has high reputation worldwide) rather than mere trainees.

International student exchange and stays abroad

Among the medical faculties of Charles University, the First Faculty of Medicine offers the students with the widest range of international stays and fellowships. For the academic year 2008-2009, as many as 82 bilateral contracts with partners abroad were concluded or prolonged – new contracts being made with the universities in Leuven (Belgium), Amiens (France) and Tromsø (Norway).

A key position is still occupied by the ERASMUS programme, which now, since 2008, has become part of the innovated European strategy for educational activities, called Lifelong Learning Programme and also comprising programmes like Comenius, Grundtvig, Leonardo da Vinci or Jean Monet. Under the ERASMUS programme, altogether 158 our students travelled abroad in 2009, while the number of the incoming students rose to 148. Under the teacher mobility scheme of this programme 14 academic staff members travelled abroad, while four came in.

In co-operation with the Austrian *Lions Club Wien*, directed by Prof. Herbert Ehringer, 12 students of the First Faculty of Medicine travelled to Austrian hospitals to take a summer placement; this co-operation has existed since 2004 and the Austrian party has sponsored the accommodation costs for some selected students.



*Prof. MUDr. Aleš Linhart, DrSc.
Vice-Dean for Outward Relations*

Eight international students took individualized placements at the First Faculty of Medicine and one student of the Faculty left for an individualized placement as “free movers”. This form of student exchange has been encountering the law problem of recognition of the student status beyond European exchange programmes. The Faculty has therefore prepared projects of contracts which may enable these students to take stays for the sphere of theoretical training, and at a time provide – at least to some extent – legal as well as insurance protection.

A considerable activity enhancing the development of international contacts and stays of our students are the placements organized by IFMSA. For one-month placements at the units of the Faculty, 66 students were admitted, while 58 students travelled abroad. They travelled not only to European countries but also overseas. In 2009 we were able to support this exchange activity

thanks to the Charles University development programme for the sphere of mobility.

A new scope of options has opened for students in postgraduate doctoral programmes, which – at the level of the University – include possibilities to create combined programmes together with other universities (called “co-tutelle”), and also the possibility to apply for studies at NIH in USA.

At a time, Charles University provides a considerable number of scholarships for various professional and language courses, in which our students regularly participate as well.

The information on bilateral connections made, scope of placements and exchange programmes is through the regularly updated web pages of the Faculty. One novelty is the website for the Faculty’s alumni, where more options for stays and placements abroad are given too.

ERASMUS programme at the First Faculty of Medicine of Charles University

Academic year	Number of contracts	Outcoming	Incoming
1999-2000	3	5	
2000-2001	4	20	
2001-2002	9	34	2
2002-2003	20	59	4
2003-2004	28	76	36
2004-2005	46	99	46
2005-2006	57	104	67
2006-2007	58	121	65
2007-2008	69	138	69
2008-2009	76	164	131
2009-2010	82	158	148

Scientific and research co-operation

Scientific projects are implemented by the First Faculty of Medicine in co-operation with a great number of institutions worldwide (see the table). Our institutes are more and more involved in grant projects financed from abroad, including European Union and NIH (National Institution of Health, USA) projects.

International co-operation brought quite a number of publications with a high impact factor which are result of international multi-centre collaboration. The number of prominent representatives of the First Faculty of Medicine in international professional and scientific organizations, directing committees of international projects, editorial boards and consulting boards reached a high level, comparable with universities in highly developed countries.

The Faculty’s aim is to achieve an even higher quality in international relations and to promote its reputation abroad. Gradual transformation of the Faculty into the form of an open and modern base of scientific research in biology and medicine follows the same objective. The number of concluded contracts of co-operation has reached very high figures in the recent years; now the main priority of the First Faculty of Medicine is to fill this co-operation with real content matter and top quality.

*Prof. MUDr. Aleš Linhart, DrSc.
Vice-Dean for Outward Relations*

Survey of partner and co-operator universities and their institutions
(source – annual reports of the Faculty departments and institutes)

School	Country
Alexandra Hospital for Children, Sydney	Australia
University of Sydney, Faculty of Medicine	Australia
Herzchirurgie Landesklinikum St.Pölten	Austria
Landesklinikum Thermenregion Mödling, Mödling	Austria
Medical University Graz	Austria
Medical University Linz	Austria
Medical University Vienna	Austria
University of Vienna	Austria
University Hospital Innsbruck	Austria
Institut Julese Bordet, Brussels	Belgium
St. Pierre Para-University Hospital	Belgium
University Hospital, Leuven	Belgium
University of Antwerpen, Antwerp University Hospital	Belgium
University Sao Paulo	Brazil
Université de Montreal	Canada
University of Manitoba, Winnipeg	Canada
University of Toronto	Canada
University Hospital, Copenhagen	Denmark
University of Copenhagen	Denmark
Aarhus University, Aarhus	Denmark
Hôpital Européen Georges Pompidou, Paris	France
Clinique St. Germain, Brive la Gaillarde	France
Hôpital Cochin Paris	France
Hôpital de la Croix-Rousse Université de Lyon	France
Hôpital La Murette, Paris, Hôpital Sevres, Faculté de Médecine et Pharmacie L'Université de Lyon	France
Hôpital Lariboissière, Paris	France
Hôpital Necker Paris	France
Hôpital Tenon Paris	France
Institut Gustave Roussy, Villejuif	France
Université Paris VI Pierre et Marie Curie, Paris	France
University of Grenoble	France
Charité - Campus Virchow, Humboldt University Berlin	Germany
Johanes Gutenberg University, Mainz	Germany
Max Planck Institut für Molekulare Genetik, Berlin	Germany
Teaching Hospital University of Rostock, Helios-Clinics Schwerin, Schwerin	Germany
J. W. Goethe University, Frankfurt am Main	Germany
Univerzita Marburg	Germany
Universität Würzburg	Germany
University of Heidelberg, Heidelberg	Germany
University of Münster, Münster	Germany
University of Tübingen, Tübingen	Germany
University of Jena	Germany
University of Munich	Germany

Faculty of Dentistry, University of Cardiff	Great Britain
Heart Hospital London	Great Britain
Charing Cross Hospital London	Great Britain
Imperial College of Medicine, University of London	Great Britain
John Innes Centre, Norwich	Great Britain
King's College Hospital, London	Great Britain
Royal Marsden Hospital London	Great Britain
School of Clinical Sciences and Community Health, The University of Edinburgh	Great Britain
St. George's Hospital Medicine School Univ. London	Great Britain
The Royal London Hospital	Great Britain
University College London	Great Britain
University of Cambridge	Great Britain
University of Edinburgh, Edinburgh	Great Britain
University of Newcastle upon Tyne	Great Britain
University of Nottingham, Nottingham	Great Britain
University of Oxford	Great Britain
University of Southampton	Great Britain
Western General Hospital, Edinburgh	Great Britain
Isztván – Korhász Hospital, Budapest	Hungary
San Stephen Hospital, Pötöffy útca, Budapest	Hungary
The National Maternity Hospital, Dublin, Rotunde Hospital, Dublin	Ireland
Hebrew University of Jerusalem, Jerusalem	Israel
Hebrew University, Hadassah School of Dental Medicine Jerusalem	Israel
Medical center Holon	Israel
Catholic University St. Cross, Rome	Italy
Instituto Europeo di Oncologia, Milan	Italy
Prima Clinica, L'Mangialli Hospital Univerista Milan	Italy
Universita La Sapienza	Italy
University of Verona	Italy
University Torino	Italy
Hokkaido University, Sapporo	Japan
Tokyo University of Tech.&Agr., Graduate School of Bio-Applications and Systems Engineering, Tokyo	Japan
Cathol. Univ. Nijmegen	Netherlands
University Hospital Rotterdam	Netherlands
University of Rotterdam	Netherlands
Centre Medical Amsterdam	Netherlands
Ślaskie Centrum Chorób Serca, Zabrze	Poland
Lekárska fakulta Komenského univerzity, Bratislava	Slovakia
LF J.P.Šafarika Košice	Slovakia
Národní onkologický ústav Bratislava, Gyn. por. klinika Martin (perinatologie)	Slovakia
Biological Research Centre (CIB), C.S.I.C., Madrid	Spain
University of Cadiz, Cadiz	Spain
Biomedical Center, Lund University	Sweden

Karolinska Institutet, Stockholm	Sweden
Karolinska Hematology Hospital, Karolinska Hematology Center, Stockholm	Sweden
University of Lund – Malmö, University of Göteborg	Sweden
Basler Kinderspital	Switzerland
Friedrich Miescher Institut, Basel	Switzerland
University of Bern, Bern	Switzerland
University Bern, Zürich	Switzerland
Albany Medical College, Ordway Research Institute, Albany	USA
Albert Einstein College of Medicine, NY	USA
Case Western Reserve University, School of Medicine, Cleveland	USA
Center for Biologics Evaluation and Research, Food and Drug Administration, Bethesda, Maryland	USA
Center for Cancer Research, National Institute of Health, Bethesda	USA
Cold Spring Harbor Laboratory, Cold Spring Harbor	USA
Columbia University	USA
Fogarty International Center	USA
Mayo Clinic Rochester, MN	USA
National Cancer Institute, Bethesda	USA
NYU Cancer Institute, NY	USA

State University of New York at Buffalo, Buffalo, NY	USA
Texas Heart Institute, Houston, TX	USA
The Hastings Center, New York	USA
The Rockefeller University, New York	USA
University Hospital, Pittsburg	USA
University Hospital, Rochester, MN	USA
University of Arizona	USA
University of California, Berkeley, CA	USA
University of California, San Diego, CA	USA
University of Colorado, Denver	USA
University of Chicago, IL	USA
University of Iowa	USA
University of Pennsylvania School of Medicine, Philadelphia	USA
University of Texas, Dallas	USA
University of Utah, Salt Lake City	USA
University of Washington, Seattle, WA	USA
Baylor College of Medicine Houston	USA
Harvard University	USA
Wadsworth Center	USA
West Virginia University	USA
Wisconsin University, Madison	USA



One of the guests in the Academic Club in the Faust House was Dr. Miroslav Ouzký, member of the European Parliament.

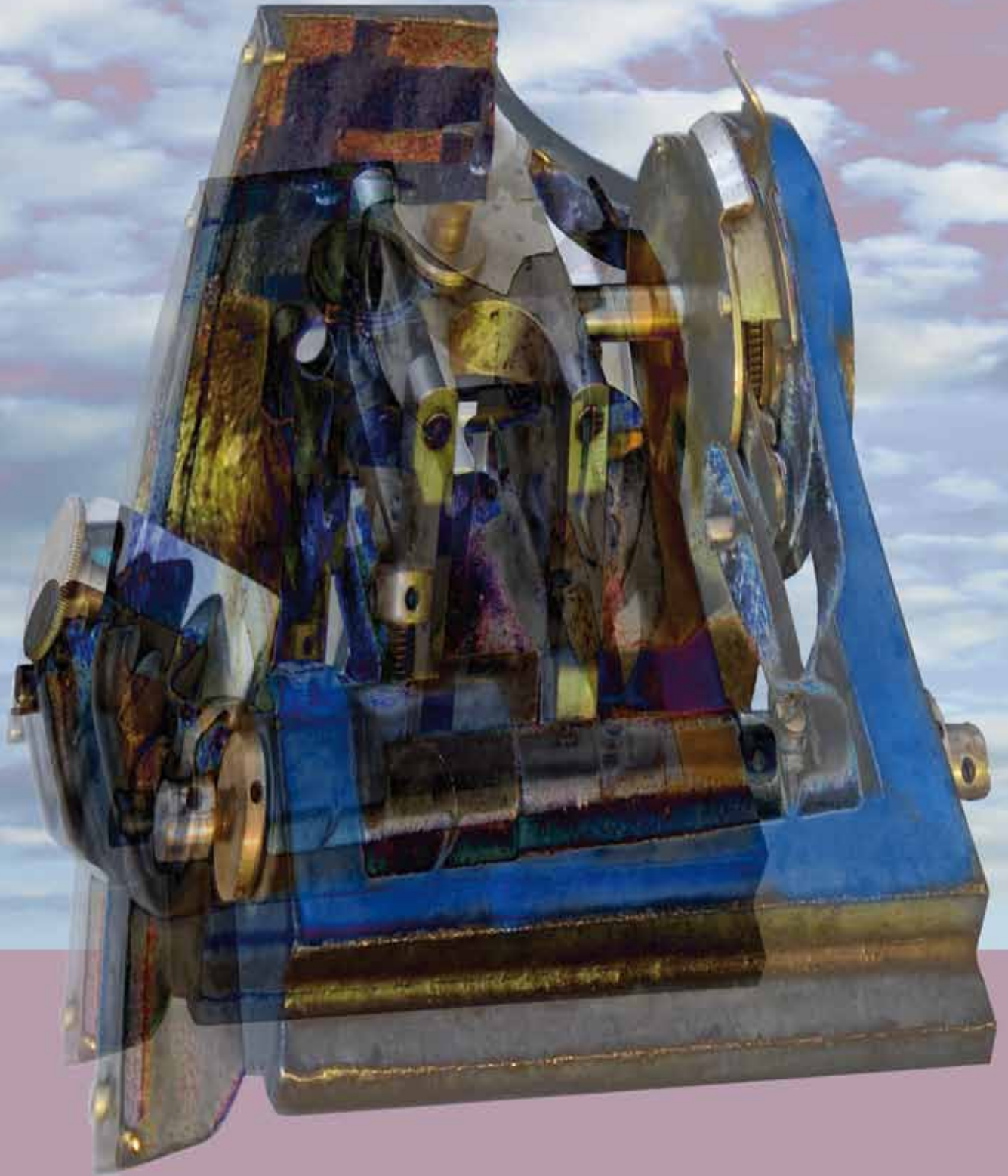


One of the personalities who accepted invitation to the "Chair for Faust" was Professor Tomáš Halík. The interview met a great interest in the academic community of the Faculty.



*The ceremony of presentation of the book *Bilirubin and internal diseases*, published by Grada Publishing a.s. From the left: Dr. M. Lomíček (Grada Publishing a.s.), Prof. L. Vítek (author), Prof. T. Zima (Dean of the First Faculty of Medicine of Charles University) and Mr. M. Lomíček (Grada Publishing a.s.).*

OUTWARD RELATIONS



OUTWARD RELATIONS

It has become traditional that at the beginning of each academic year the First Faculty of Medicine organizes the Medic Prom Ball and the Open Day of the Faculty. And there was no exception to this rule last year either. Also the year 2009 was started with a big social event at the Žofín Palace, the 121st Medic Prom Ball, and the Open Day, a special event to help those wishing to study at the Faculty, allowing them to meet the representatives of the First Faculty of Medicine and obtain the information needed for the entrance procedures and studies at the Faculty, which ranks among the prominent medical schools and biomedical research establishments in the Czech Republic as well as in the international scale, and those interested were not discouraged even by really bad weather.

Looking back after the last year, we can mention several events that considerably influenced the history of our Faculty and Hospital. In 2009 again they both, the First Faculty of Medicine and the General Teaching Hospital, had to defend its place in the centre of the capital city of Prague. Repeatedly, some attempts occurred to violate the integrity of the unique area in the city centre which is occupied by the Faculty and Hospital, which has been important not just because of the *genius loci* but also for the high standards of quality of medical care, education and research. The Ministry of Health of the Czech Republic eventually intervened, which was welcomed by both the Faculty and Hospital, and declared its attitude together with the First Faculty of Medicine and the General Teaching Hospital at a common press conference held in the Faust House, whose topic was "The present and the prospects of the First Faculty of Medicine of Charles University in Prague and the General Teaching Hospital at Charles Square". The objective of the Ministry's approach is renovation of the General Teaching Hospital at Charles Square as the main workplace of researches and students of our Faculty. Hopefully, the projects on the point of finishing will become a new departure for another stage of development of the area for the new generation, so far learning about the latest knowledge of medical science here, and above all for our patients, who can find a place providing all-round medical care here. Both the institutions, the First Faculty of Medicine and the General Teaching Hospital, together make up a unique city part in the area of Karlov and Albertov, which thanks to its comprehensiveness and accessibility is a great benefit to the inhabitants of Prague as well as the whole Czech Republic. They are a traditional and inseparable part of the city centre. The good message is that not only among representatives of recent medical science but also among outstanding personalities of other spheres of our life our Faculty and the General Teaching Hospital have found a scope of supporters, involved in most various areas of social life, culture, politics and business.

Another important aspect of 2009 was the commemoration of the legacy that 17th November left in modern Czech history. On occasion of this important date, the ceremony of presentation of the book *Okupační stávky 68/89* [Sit-ins 68-89] by Dr. Přemysl Hněvkovský took place at the Academic Club of the First Faculty of Medicine in Faust House. The students' sit-in strikes of 1968 and 1989, still unappreciated by historians, are presented in the book by authentic photographs. On the same occasion the Faculty together with the Humanitarian Medics' Club also organized two concerts of the cycle *The faculty in the heart of Karlov*, open for the academic community of all schools of higher education in Pra-

gue. These included the Easter concert in the church of Assumption and St. Charles the Great, presenting a selection of Georg Friedrich Händel's work, and the concert in the St. Stephen church, presenting the famous *Requiem* by W. A. Mozart. Both concerts, the 9th and 10th in the line already, met a great interest again, and not only within the academic community but also in wide public, were kindly sponsored by Zentiva a.s. company.

During 2009, more than twenty press conferences were organized in co-operation with the General Teaching Hospital, Anti-cancer League, Academy of Sciences of the Czech Republic, Czech J. E. Purkinje Medical Association and other institutions. Also the regular meetings with journalists called "Breakfast with journalists" proved to be a useful tradition. They provided the journalists with information about recent developments and novelties in medical science and education, and mainly took place at the Academic Club of the First Faculty of Medicine in Faust House. Among those that met special interest was, for example, the presentation of the unique project of the internet educational network of medical faculties in the Czech Republic and the Slovak Republic, which is a result of co-operation between the First Faculty of Medicine, Czech Technical University and Václav Hollar School of Fine Arts. At a press conference dealing with rare conditions in paediatric neurology the visitors met Professor Roger J. Broughton, the outstanding neurologist and the emeritus Head of the Sleep Medicine Clinic in Ottawa. Much interest arose at the press conference devoted to the present, prospects and future development of cardiology, which also informed the journalists about the results of a unique programme of surgical treatment for lung hypertension, as well as the press conference commemorating the 125th anniversary of the death of Bedřich Smetana, the outstanding Czech musical composer, at the Department of psychiatry of the First Faculty of Medicine, which was held under the auspices of Dr. Zdeněk Schwarz, the composer's great-grandson. The press conference on the topic "Biochemistry and molecular biology – invisible science" was held on the eve of the opening day of the 34th FEBS Congress in co-operation with the Czech Society of Biochemistry and Molecular Biology, the Faculty of Natural Science of Charles University and the Teaching Hospital in Olomouc. We also marked the World Kidney Day, with free examination as a special event for the public, and the World Tuberculosis Day. The journalists were shown the renovated premises of 1st Surgical Department of the First Faculty of Medicine and General Teaching Hospital, particularly the operating theatres and intensive care unit. They learned about the EUDAP project with a model of primary prevention of drug abuse at basic schools. The Department of Urology of the First Faculty of Medicine and General Teaching Hospital introduced their new lithotryptic device. The journalists were also informed about the results of the admission procedure at the First Faculty of Medicine. Among other press conferences marked with a great interest was that presenting the success of the research team at the Institute of Inherited Metabolic Disorders, where a new gene responsible for a serious heritable kidney disease, or the press conference presenting a new co-operative method of creation of Wikiskripta, the electronic library of educational materials of medical faculties. Excellent as usual was the collaboration with the Anti-cancer League, also resulting in two press conferences that marked the Czech Cancer Day and World Cancer Day.

In 2009 the Faculty continued the "Chair for Faust", a cycle of live interviews, which actually marks its jubilee after completing the incredible nine years. The idea, which arose in 2000 with the objective to introduce prominent personalities of the First Faculty of Medicine of Charles University and thereby the recent medical science and education, proved worthwhile and won many supporters. A great number of outstanding personalities have passed through the Faust House in the past ten years and plenty of most interesting opinions and ideas have been heard from them. In recent years we have widened the scope of these special guests, introducing representatives of art and other fields of science as well. In 2009, thirteen outstanding representatives of Czech and world science who were closely related to the First Faculty of Medicine accepted the invitation. These included Professor Oldřich Eliška, Professor Aleš Linhart, Professor Zdeněk Krška, Professor Karel Pacák, Professor Karel Šonka, Associate Professor Berta Otová, the Czech Head 2008 award and Bolzano Prize winner Dr. Alena Čížková, Dr. František Stejskal, Dr. Michal Dudek, the minister of health of the Czech Republic Ms Dana Jurásková, the artist Ms Emma Srncová, the Czech actor, composer, poet and singer Mr. Marek Eben, but also the priest of the Academic Parish at St. Salvator and professor of the Faculty of Arts and Philosophy of Charles University Mgr. Tomáš Halík. The Faculty highly appreciates the co-operation with Mr. Jaroslav Hořejší, who has been closely collaborating with the Faculty for those nine years, and his really professional work in preparation, presentation and subsequent edition of the interviews.

A great number of books by authors from the First Faculty of Medicine were published by Galén, s. r. o., Grada Publishing, a. s., Karolinum, Maxdorf, Togga, Osveta and other publishing houses in 2009. As it had become traditional, most of them were presented in a special ceremony at the Academic Club of the First Faculty of Medicine in Faust House. The books presented in 2009 included *Kniha o těhotenství a dítěti* [Book of pregnancy and infant] by Assoc. Prof. Antonín Pařízek, *Repetitorium gynekologie* [Review manual of gynaecology] by Dr. Dušan Kolařík, Prof. Michael Halaška and Assoc. Prof. Jaroslav Feyreisl, *Stomatologie* [Stomatology] by Prof. T. Dostálová, Dr. M. Seydlová et al., the book called *Trpěli i dávní lidé nádory?* [Did ancient people suffer from tumours too?] by Prof. Eugen Strouhal and Dr. Alena Němečková, the monograph *Bilirubin a interní choroby* [Bilirubin and internal diseases] by Prof. Libor Vítek, *Diabetologie* [Diabetology] by Prof. Jan Škrha, *Kardiologie pro sestry intenzivní péče* [Cardiology for nurses in intensive care] by Dr. Jiří Kolář, the publication called *Věřte své inteligenci – pomáhá to* [Believe your intelligence – it helps] by Prof. František Koukolík, Prof. Štěpán Svačina, Prof. Oldřich Vinař and Prof. Jan Žaloudík, *Centrální nervový systém – struktúra a funkcia* [Central nervous system: structure and function] by Prof. Petr Brodal, *Trauma mozku a jeho rehabilitace* [Brain trauma and its rehabilitation] by Assoc. Prof. Marcela Lipertová-Grüner, *Onkogynekologie* [Oncogynaecology] by Prof. David Cibula, Prof. Luboš Petruželka et al., *Recidiva kolorektálního karcinomu* [Relapse in colorectal carcinoma] by Dr. Ludmila Lipská, Prof. Vladimír Visokai et al., *Atlas chorob na kostních preparátech* [Atlas of diseases in bone specimens] by Assoc. Prof. Václav Smrčka, Assoc. Prof. Vítězslav Kuželka and Prof. Ctibor Povýšil, or the monograph *Social history and anthropology* by Assoc. Prof. Václav Smrčka and Phillip Walkers.

Another important event in the life of our Faculty was the introduction of the unique book *Korunovační řád českých králů* [Coronation statute of Kings of Bohemia], jointly published by three faculties of Charles University in Prague – the Faculty of Arts and Philosophy, the Catholic Faculty of Theology, and the First Faculty of Medicine – at the Togga publishing house. At the ceremony of introduction, which took place at the Academic Club of the First Faculty of Medicine in Faust House, many prominent guests attended, such as Cardinal Miloslav Vlk, the Archbishop of Prague,

Primate of Czechia and Metropolitan; Dr. Jiří Weigl, the manager of the Office to the President of the Czech Republic; Deans of the four founder faculties of the University; Senator Karel Schwarzenberg and others.

The Faculty also experienced the increasing interest in exhibitions held in Faust House, and in 2009 organized ten really interesting exhibitions at the Academic Club of the First Faculty of Medicine, where mainly photographs and pictures were exhibited. These included the exhibition *Photography and building*, the collection of photographs by Jiří Kutina called *And what if a crocodile may walk here*, the exhibition of photographic portraits *We were children* by Václav Landovský, the photographic exhibition *Road leading home* by Pavel Jerman, the exhibition of the photography club Thirteenth chamber called *Ecce Homo*, the collection of photographs by Ivan Polák *Amaranthus Retrolexus*, photographs by Markéta Linhartová, the series of photographs taken by Petr Bárta during the 1968 student expedition to Lambaréné *Good day, Africa* or the art exhibitions *And paper work* by Helena Vernischová and *Pictures and drawings* by Jan Vlček.

The Academic Club won the attention of both professional and lay public very quickly not only with the press conferences and exhibitions but also with chat meetings, seminars, social assemblies, concerts, first aid classes, etc.

The cycle of chat evenings called *We invite you to the club* included, for example, a meeting with the prominent Czech actress Jana Štěpánková, called *How the life ran*, a chat on the topic *Conductors are believed to avoid growing older* with the music conductor Vladimír Válek, or an afternoon debate with the member of European Parliament Dr. Miroslav Ouzký on the topic *Czech health care service in European context*.

The Academic Club of the First Faculty of Medicine also hosted some events by the Czech Medical Academy and Anti-cancer League, which signed an agreement of organization of Flower Days and, above all, press conferences and professional seminars, and joint events with the Czech J. E. Purkinje Medical Association, Czech Medical Chamber and Czech Dental Chamber.

Inseparable from the life of the Club were – and still are – regular concerts given by the Dixieland Band of the First Faculty of Medicine, led by Professor Jiří Tichý, and the events organized by the Jonáš Club, ATOS (Association of Tourette Syndrome Sufferers), and others. The management of the Faculty wants the club to be frequented, above all, by students and other members of the academic community of the Faculty. In this respect the club was successful, as there has been an increasing interest from the students, the Union of Czech Medical Students, IFMSA and those who organize the first aid classes for public.

The traditional key partner for the Faculty is the General Teaching Hospital. Their mutually beneficial co-operation has existed throughout the 210 years of the history of the hospital. Also in 2009 the Faculty and the Hospital co-operated in setting up an information centre and together printed the journal *Nemocnice* [Hospital], whose circulation is 5,000 copies. The Faculty also collaborated with some other partners, including the other faculties of Charles University, teaching hospitals, other universities, colleges and secondary schools, research establishments, government authorities, ministries of education and health, municipal authorities of the capital city of Prague, professional bodies and – last but not least – scientific societies as well as other associations promoting the development of human knowledge in medicine and the quality of university education in the country and abroad. Business circles became an important partner too.

Deepening its co-operation with the authorities of the district Prague 2, the Faculty took part in several jointly organized activities, which included – apart from the regular events at the historic New Town Hall – the Children's Day in the garden of the Department of Psychiatry and Department of Neurology and other

events in the area of Karlov and Albertov as well as in other parts of the city district.

The First Faculty of Medicine also participated in several important activities of Czech schools of higher education. The Faculty was successfully represented at the 2009 Day of Science: About Science Simple and Interesting, which took place at the University of Economics in Prague on 27th November with participation of other universities and colleges of the Czech Republic. The aim of this large-scale inter-university event was to popularize scientific branches with students who would like to be in science in future as well as with those considering undergraduate studies at the university level. Also the presentation of the Faculty at the 2009 Week of Science and Technology was a success.

The Faculty presented itself very well at both domestic and international events such as the Open Days of Charles University and the First Faculty of Medicine, higher education trade fair Gaudamus, and the international medical trade fair Pragomedica 2009.

In 2009, information materials about the Faculty were issued plus other publications – annual reports, internal regulations of the Faculty, book of proceedings of the 9th Student Scientific Conference, a special pictorial calendar of the Faculty for 2009, memorial prints for the alumni and a large number of other prints, publicity materials in both Czech and English, and various goodwill gifts.

*Prof. MUDr. Aleš Linhart, DrSc.
Vice-Dean for Outward Relations*



The “Chair for Faust” interview with the prominent anatomist Prof. Oldřich Eliška.

JOURNALS AT THE FIRST FACULTY OF MEDICINE

In 2009 the Faculty was the editor of the bimonthly *Folia Biologica*, the quarterly *Prague Medical Report* and the occasional publication *Acta Universitatis Carolinae – Medica*. Organizational and technical support is provided by Ms Vlasta Helekalová and the technical editorial board composed of Mr Jiří Frühauf and Ms Lucie Šulcová.

FOLIA BIOLOGICA

Editor in chief: Prof. MUDr. Tomáš Zima, DrSc., MBA
Executive editors: Prof. MUDr. Jan Bubeník, DrSc. (Institute of Molecular Genetics of Academy of Sciences of the Czech Republic); MUDr. Zdeněk Kostrouch; Prof. MUDr. Karel Smetana, DrSc.
Language editor: PhDr. Šárka Takáčová (Institute of Molecular Genetics of Academy of Sciences of the Czech Republic)
The strategy of open access to the articles from the PubMed data base and possibility to submit manuscripts for publication in the electronic form have proved very useful and led to the increase of texts submitted from **99** in 2008 to **124** in 2009 and to the considerable growth of the impact factor from **0.596** to **1.14**. One feature that we find highly positive is the increase in scientific quality of the texts. This fact is another proof of the growing prestige of the journal within the international scientific community.

PRAGUE MEDICAL REPORT

Editor in chief: Prof. MUDr. Miloš Langmeier, DrSc.
Language editor: Prof. MUDr. Jaroslav Pokorný, DrSc.
The problems that the journal had faced seem to be overcome now. The growing popularity of the journal among scientists was reflected in the number of **48** texts sent to the editors, of which **39** were accepted for publication. In 2009 the journal prize was awarded to E. Maurovich-Horvat for her article *The Effects of Sleep and Sleep Deprivation on Metabolic, Endocrine and Immune Parameters*.

ACTA UNIVERSITATIS CAROLINAE – MEDICA

In this series, two monographs were published in 2009: the voluminous book *Attention-Deficit, Hyperactivity Disorder (ADHD) Biochemical, Genetic and Clinical Studies* by Ivo Paclt; and *Social History and Anthropology* by Václav Smrčka a Phillip L. Walker.

Prof. MUDr. Karel Smetana, DrSc.
member of Dean's Office Board of the Faculty



The ceremony of presentation of the book *Diabetology*, published by Galén s.r.o. From the left: Prof. T. Zima (Dean of the First Faculty of Medicine of Charles University), Prof. Z. Škrha (author), Dr. J. Bříža (acting director of the General Teaching Hospital).



Kite flying at the Hořezda enclosure was one of the many events organized by the Union of Czech Medical Students.

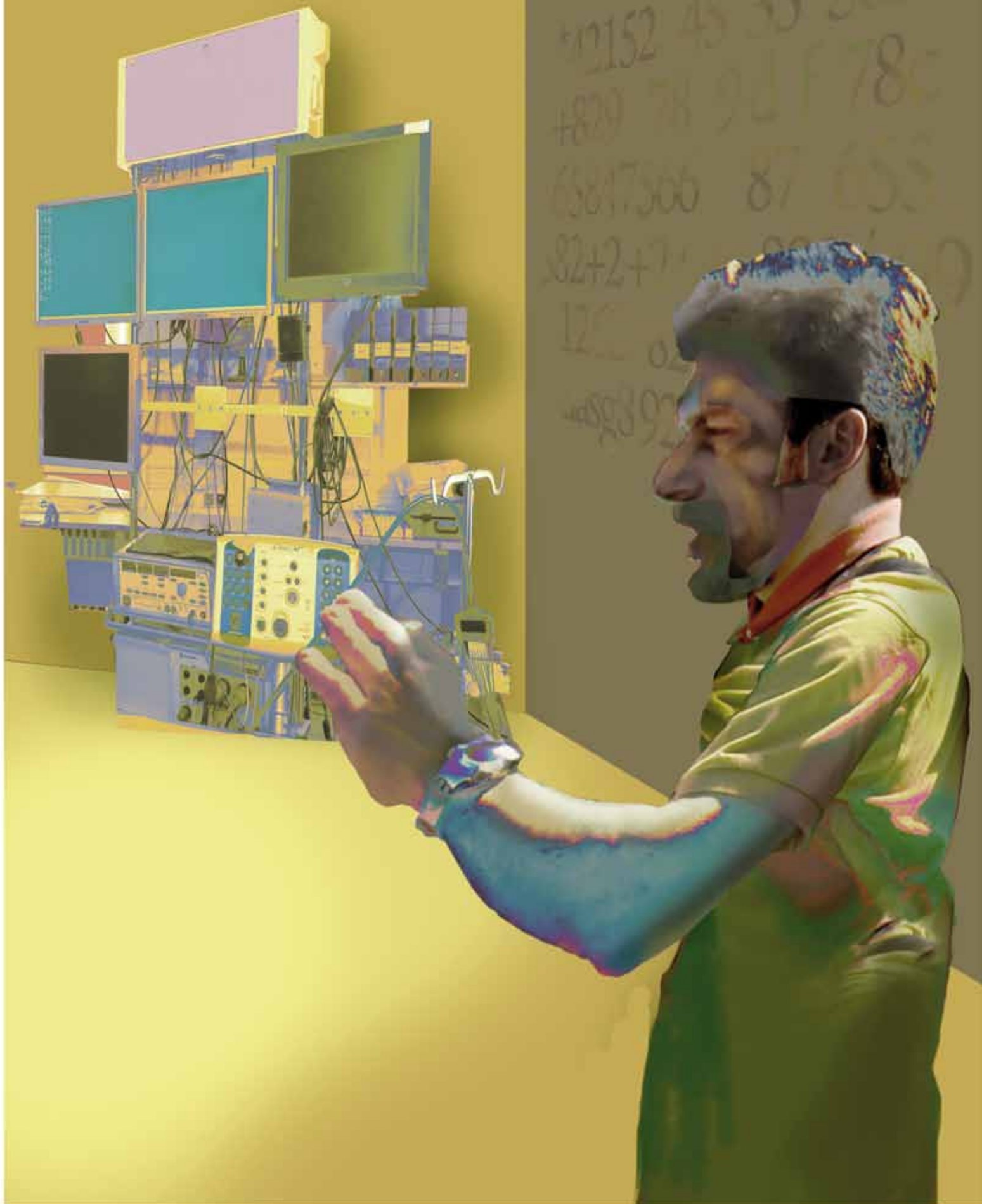


The Children's Day, held in the garden of the Department of Neurology and Department of Psychiatry, had a nice weather this time, and our little guests seemed to be happy with the offer of attractions.

MANAGING REPORT



AUDITOR'S REPORT



$12152 \cdot 45 \cdot 35 \cdot 582$
 $+829 \cdot 78 \cdot 98 \cdot 785$
 $65817500 \cdot 87 \cdot 655$
 $82+2+7 \cdot 89 \cdot 1 \cdot 9$
 $12 \cdot 02$
 4082392

INDEPENDENT AUDITOR'S REPORT

Appropriate Addressee

The First Faculty of Medicine of Charles University in Prague
Kateřinská 32, 121 08 Praha 2

We have audited the accompanying financial statements of **The First Faculty of Medicine of Charles University in Prague**, which comprise the balance sheet as at 31st December 2009, and the income statement for the year then ended.

Statutory Body's Responsibility for the Financial Statements

The Statutory Body of The First Faculty of Medicine of Charles University in Prague is responsible for the preparation and fair presentation of these financial statements in accordance with Czech accounting regulations. This responsibility includes: designing, implementing and maintaining internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Act on Auditors and International Standards on Auditing and the related application guidelines issued by the Chamber of Auditors of the Czech Republic. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control.

An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements give a true and fair view of the financial position of The First Faculty of Medicine of Charles University in Prague as at 31st December 2009, and of its financial performance and its cash flows for the year then ended in accordance with Czech accounting regulation.

Prague, March 25th, 2010



Ing. Hana Filipcová - auditor
osvědčení o zápisu
do seznamu auditorů KAČR č. 0649

PKF Audit s.r.o.
Karlova 455/48, 110 00, Praha 1
osvědčení o zápisu do seznamu
auditorských společností KAČR č. 502

The First Faculty of Medicine of Charles University in Prague

Balance Sheet

(in thousands of CZK)

For The Year Ended December 31, 2009

ASSETS				
		row	1.1.2009	31.12.2009
A. Fixed assets		001	1 115 529	1 305 892
1. Intangible results of research and similary activities (012)		002	0	0
Software (013)		003	25 372,87	25 480,90
Valuable rights (014)		004	0	0
Minor items of intangible fixed assets (018)		005	4 113,51	3 934,54
Other intangible fixed assets (019)		006	529,18	529,18
Acquisititon of intangible assets in progress (041)		007	0	0
Advancements for intangible fixed assets (042)		008	0	0
Intangible fixed assets		009	30 016	29 945
2. Accumulated amortization -Intangible results of research and similary activities (072)		010	0	0
Accumulated amortization - software (073)		011	-15 496,55	-18 599,69
Accumulated amortization - valuable rights (074)		012	0	0
Accumulated amortization -minor intangible fixed assets (078)		013	-4 113,51	-3 934,54
Accumulated amortization - other intangible fixed assets (079)		014	-476,30	-529,18
Accumulated amortization - intangible assets		015	-20 086	-23 063
3. Land (031)		016	0	0
Work of art and collections (032)		017	1 346,56	1 346,56
Buildings, halls and structures (021)		018	821 586,90	836 987,73
Capital equipment: units and property classes (022)		019	840 384,66	901 468,12
Perennial crops (025)		020	0	0
Breeding and draught animals (026)		021	0	0
Minor items of tangible assets (028)		022	70 903,11	64 455,89
Other tangible assets (029)		023	146,55	146,55
Acquisition of tangible assets in progress (042)		024	176 149,06	379 623,34
Advancements for tangible assets (052)		025	0,00	1 606,50
Tangible fixed assets		026	1 910 517	2 185 635
4. Accumulated depreciation - buildings, halls and structures (081)		027	-245 895,80	-264 345,40
Accumulated depreciation - capital equipment: units and property classes (082)		028	-487 971,23	-557 676,37
Accumulated depreciation - perennial crops (085)		029	0	0
Accumulated depreciation - breeding and draught animals (086)		030	0	0
Accumulated depreciation - minor items of tangible assets (088)		031	-70 903,11	-64 455,89
Accumulated depreciation - other tangible assets (089)		032	-146,55	-146,55
Accumulated depreciation-tangible fixed assets		033	-804 917	-886 624



5.	Shares and ownership investments in enterprises with controlling influence (061)	034	0	0
	Shares and ownership investments in enterprises with substantial influence (062)	035	0	0
	Other securities and ownership investments (063)	036	0	0
	Loans to enterprises in group (066)	037	0	0
	Other long-term loans (067)	038		
	Other financial investments	039	0	0
	Financial investments	040	0	0
B.	Current assets	041	247 700	279 184
1.	Materials (112)	042	2 524,79	2 453,95
	Materials in transfer (119)	043	26,51	0
	Work in progress (121)	044	0	0
	Semi-finished products (122)	045	0	0
	Products (123)	046	0	0
	Animals (124)	047	0	0
	Merchandise in stock (132)	048	0	0
	Merchandise in transfer (139)	049	0	0
	Advancements for inventory (314)	050	0	0
	Inventory	051	2 551	2 454
2.	Trade receivables (311)	052	2 795,93	31 652,94
	Bills of exchange (312)	053	0	0
	Receivables - issued securities (313)	054	0	0
	Prepayment (314)	055	3 213,66	13 020,85
	Other receivables (315)	056	571,23	111,00
	Receivables on employess (335)	057	432,24	373,74
	Social security (336)	058	0	0
	Income tax (341)	059	0	0
	Other direct taxes (342)	060	0	0
	VAT (343)	061	360,30	652,02
	Other taxes and charges (345)	062	0	0
	Receivables by virtue of financial relation to the state budget (346)	063	0	0
	Receivables by virtue of financial relation to the local government budget (348)	064	0	0
	Receivables from association (358)	065	0	0
	Receivables on bonds issued (375)	066	0	0
	Other receivables (378)	067	32 033,70	18 199,29
	Estimated receivable (388)	068	56,64	1 013,41
	Receivables	069	39 464	65 023
3.	Cash (211)	070	227,29	52,48
	Postal stationery (213)	071	105,30	135,78
	Cash in bank (221)	072	203 212,66	184 176,29
	Sharing securities (251)	073	0	0
	Debt securities (253)	074	0	0
	Other securities (256)	075	0	0
	Cash in transfer (261)	076	0	25 000,00
	Financial assets	077	203 545	209 365
4.	Deferred expenses (381)	078	2 066,90	2 320,55
	Accrued revenues (385)	079	0	0
	Foreign currencies exchange losses (386)	080	73,30	21,93
	Temporary accounts	082	2 140	2 342
	Total assets	083	1 363 230	1 585 076



EQUITY + LIABILITIES				
		row	1.1.2009	31.12.2009
A. Equity		084	1 193 307	1 366 461
1. Capital (901)		085	1 117 752,51	1 308 114,85
Funds (911)		086	73 291,02	57 324,17
Capital + Funds		087	1 191 044	1 365 439
Profit/loss for current year (963)		088	0	86,36
Profit/loss in approval process (931)		089	404,28	0
Retained earnings, unpaid losses (932)		090	1 859,40	1 356,97
Profit/loss accounting - internal		091	0	-421,36
Profit/loss		092	2 264	1 022
B. Liabilities		093	169 923	218 615
1. Legal reserves (941)		094	0	0
2. Bonds (953)		095	0	0
Rent payables (954)		096	0	0
Long-term deposits received (955)		097	0	0
Long-term notes (958)		098	0	0
Other long-term liabilities (959)		099	0	0
Long-term liabilities		100	0	0
3. Trade payables (321)		101	7 299,81	2 554,15
Short-term notes (322)		102	0	0
Deposits received (324)		103	0	50,00
Other liabilities (325)		104	1 060,43	1 340,28
Payables to employees (331)		105	32 745,11	32 517,81
Other payables to employees (333)		106	802,38	627,18
Payables to social security (336)		107	18 863,05	17 016,16
Taxes payable (341)		108	0	0
Other direct taxes (342)		109	6 220,43	5 928,57
VAT (343)		110	0	0
Other taxes and charges (345)		111	0	0
Payables by virtue of financial relation to the state budget (346)		112	7 432,50	50 149,20
Payables by virtue of financial relation to the local government budget (348)		113	910,14	1 847,45
Payables by virtue of subscribed securities and deposits (367)		114	0	0
Payables to association (368)		115	0	0
Other payables (379)		116	3 254,89	4 536,95
Estimated payables (389)		117	2 642,93	-803,17
Current liabilities		118	81 232	115 765
5. Accrued expenses (383)		119	1,36	0,00
Deferred revenues (384)		120	85 724,96	100 944,92
Foreign currencies exchange gains (387)		121	2 964,60	1 905,42
Accruals		122	88 691	102 850
Total liabilities + equity		123	1 363 230	1 585 076



The First Faculty of Medicine of Charles University in Prague

Profit And Loss Statement

(in thousands of CZK)

For The Year Ended December 31, 2009

Expenses	row	activity		total
		head	economic	
Consumption of material (501)	002	155 787,48	1 367,02	157 154,50
Consumption of energy (502)	003	28 585,16	0	28 585,16
Consumption of other non-stockable supplies (503)	004	0	0	0
Cost of merchandise sold (504)	005	0	0	0
Total services	006	113 437	1 629	115 066
Maintenance (511)	007	58 817,60	407,10	59 224,70
Travel expenses (512)	008	18 237,97	64,55	18 302,51
Representation cost (513)	009	1 172,66	46,22	1 218,88
Other outside services used (518)	010	35 208,32	1 111,19	36 319,51
Wages and salaries (521)	012	432 462,71	2 881,53	435 344,24
Statutory social security expenses (524)	013	133 335,68	698,95	134 034,63
Other social security expenses (525)	014	0	0	0
Legal social expenses (527)	015	9 487,41	0	9 487,41
Other social expenses (528)	016	5 898,84	0	5 898,84
Road tax (531)	018	12,65	0	12,65
Property tax (532)	019	0	0	0
Other taxes and fees (538)	020	5,33	0	5,33
Total other services	021	79 863	3 169	83 032
Contractual fines and penalties (541)	022	0	0	0
Other penalties (542)	023	0	0	0
write-off of uncollectibles (543)	024	1,18	0	1,18
Interest (544)	025	0,88	0	0,88
Exchange rate losses (545)	026	2 334,48	38,85	2 373,33
Gifts (546)	027	40,00	0	40,00
shortages and losses (548)	028	326,30	0	326,30
Other expenses (549)	029	77 159,83	3 130,43	80 290,27
Total amortization	030	108 896	570	109 466
Amortization of intangible and depreciation of tangible assets (551)	031	108 895,98	0	0
Net book value of sold tangible and intangible assets (552)	032	0	0	0
Sold securities and deposits (553)	033	0	0	0
Purchase price of sold raw materials (554)	034	0	569,76	569,76
Creation of legal reserves (556)	035	0	0	0
Creation of legal allowances (559)	037	0	0	0
Contribution given org. Unit (581)	038	0	0	0
Contribution given (582)	039	0	0	0
Total expenses	042	1 067 770	15 684	1 083 454
Internal expenses	042	1 516,69	225,42	1 742,11
Total expenses incl. Internal expenses	042	1 069 287	15 909	1 085 196



Revenues	row	activity		total
		head	economic	
Total Revenues from own production and services	043	133 749	13 878	147 627
Revenues from own products (601)	044			
Revenues from rendering services (602)	045	133 749,34	13 878,10	147 627,44
Revenues from merchandise (604)	046	0	0	0
Change in inventory of work in progress (611)	048	0	0	0
Change in inventory of semi-finished products (612)	049	0	0	0
Change in inventory of own products (613)	050	0	0	0
Change in inventory of animals (614)	051	0	0	0
Capitalisation of materials and merchandise (621)	053	0	0	0
Capitalisation of own services (622)	054	0	0	0
Capitalisation of intangible assets (623)	055	0	0	0
Capitalisation of tangible assets (624)	056	0	0	0
Total of other revenues	057	158 411	1 867	160 278
Contractual fines and delay interest (641)	058	0	0	0
Other fines and penalties (642)	059	0	0	0
Revenues from un-collectable receivables (643)	060	0	0	0
Interest (644)	061	1 184,34	1 714,17	2 898,51
Exchange rate profits (645)	062	7 081,78	44,25	7 126,03
Clearing of equity accounts (648)	063	32 157,63	0	32 157,63
Other revenues (649)	064	117 987,03	109,01	118 096,04
Total revenues from sale	065	107	858	964
Revenues from sale of tangible and intangible assets (652)	066	106,00	0	106,00
Revenues from sale of securities and deposits (653)	067	0	0	0
Revenues from sale of raw materials (654)	068	0,58	857,85	858,42
Revenues from short-term financial assets (655)	069	0	0	0
Clearing of legal reserves (656)	070	0	0	0
Revenues from long-term financial assets (657)	071	0	0	0
Clearing of legal allowances (659)	072	0	0	0
Contributions received from operational units (681)	074	0	0	0
Contributions received (682)	075	0	0	0
Membership fees received (684)	076	0	0	0
Total operating grants	077	770 050	0	770 050
Operating grants (691)	078	770 050,24	0	770 050,24
Total revenues	079	1 062 317	19 329	1 081 646
Internal revenues	079	140,32	853,88	994,20
Total revenues incl. Internal revenues	079	1 062 457	20 183	1 082 640

Net income/loss before taxation	080	-6830	6916	86
Income tax - current year	081	0	0	0
Net income/loss after taxation	082	-6830	6916	86



[Handwritten signature]

ATTACHMENTS





*The special ceremony of presentation of the book *The Coronation Order of the Kings of Bohemia* was attended by Senator Karel Schwarzenberg, Cardinal Miloslav Vlk, the manager of the Office to the President of the Republic Jiří Weigl and other prominent guests.*



On 20th 2009 a press conference was held to inform journalists of the results in creation of modern teaching materials and the unique project of joint internet educational web of medical faculties in the Czech Republic and Slovak Republic. The project was implemented in co-operation with the Czech Technical University and Václava Hollar School of Fine Arts. From the left: Prof T. Zima (Dean of the First Faculty of Medicine of Charles University), Dr. J. Kofránek (Institute of Pathological Physiology) and Master artist B. Gemrot (director of V. Hollar School).

STUDENTS' ACTIVITIES



UNION OF CZECH MEDICAL STUDENTS

In 2009 we continued implemented our traditional projects but added a couple of new activities as well. The considerably increasing number of members considerably motivates us for more work too. By 23rd November 2009 the number of registered members was 800.

1. THE NEWS OF THE YEAR IN 2009

Our base in Faust House and the new computer room

In 2009 again we carried on refurbishing and finishing our premises. This time we focused on updating the computer room. At the Union base, a new computer terminal room was established. This success could not have been achieved without the support from Prof. Tomáš Zima, the Dean of the Faculty and honorary member of the Union of Czech Medical Students, who substantially participated in the successful implementation of the project.

Besides the updating of the computer room, refurbishing of our other rooms was done as well. The students have settled into the new setting, which is really frequented all the time now.

Drop of blood

We launched the project Drop of blood in December 2008. In co-operation with the Department of Blood Transfusion at the Faculty at the General Teaching Hospital we try to motivate students for blood donation. In the past year there have been two donor sessions. The number of donors among our students is slowly increasing.

Czech-English party

Together with the representatives of international students in the English parallel programme we arranged for an icebreaking party for Czech and foreign students of our Faculty. Our objective was to let them meet each other, get rid of prejudice and start studying together rather than just concurrently.

Open Day of the First Faculty of Medicine

On the Open Day in January we tried to help at all the institutes and departments of the Faculty that were open, mainly by answering questions not only of the prospective students but also of their parents.

Sale of the Faculty shirts

Following agreement with the Faculty management the Union of Czech Medical Students designed its own collection of ladies' as well as men's t-shirts bearing the Faculty's crest. These come in several colours and in all sizes. In no time they won a great popularity among students. Our concern, when commissioning them, was high quality of all the materials used.

Seminars for prospective graduates

In the past year we organized two seminars for prospective graduates of our Faculty. The students got a chance to learn about the scope of jobs abroad. A renowned German job agency outlined the situation at the labour market in the Federal Republic of Germany. Several graduates have got jobs at German clinical departments through this agency. The response from the young physicians is highly positive.

Students' Union of Charles University

The Union of Czech Medical Students became one of the charter members of the new university organization – the Students' Union of Charles University. At present the Students' Union gradually develops its activities. The Union of Czech Medical Students is the only representative of our Faculty in the council of the Students' Union. From this organization we expect, above all, improvement of students' communication between particular faculties and better co-operation among the students' associations that are active at Charles University.

2. OUR ERASMUS STUDENTS' OFFICE (ESO)

For the incoming students we again organized the **"Buddy Programme"** in 2009. The international students can contact students studying in Czech language, who are helpful for them mainly at the beginning of the stay in the Czech Republic, both in orientation to the Faculty and dealing with some official matters.

The **icebreaking party for the incoming students** took place at the K4, the University students' club. Actually there were two such parties in the year. The autumn party met a lot of keen interest from the Erasmus students as usual, which was really rewarding for us. At the party Ms Jana Netolická welcomed the international students in Prague and introduced the Faculty in brief. Then the students moved from the club to the Star Rave-up, where admission was free for them.

The ESO members have been preparing some more projects as well, such as **skating, excursions, outings**. We carry on the co-operation with the **Charles University International Club**, which organizes a similar programme within the University.

In the past year again, as usual, we assisted to Prof. Pokorný in technical support for evaluation of results of the competition for the Erasmus/LLP programme as well as in allotting the particular placements in the lecture hall of the Department of Physiology.

3. CO-OPERATION BEYOND THE FACULTY

In 2009, several organizations addressed the Union of Czech Medical Students; these contacts mostly involved offers of volunteer jobs (health supervision of summer camps and outdoor schooling, etc.). Specifically for the graduates we helped to find some jobs abroad. Thanks to our collaboration with a British agency on hundred students were able to find **summer-time jobs in British hospitals** as auxiliary nursing staff.

In October we **entertained a group of 50 medical students from Leiden**. We introduced the First Faculty of Medicine and the Union of Czech Medical Students in presentations, and offered excursions to some of the units of the Faculty.

To the association of students of dentistry we provided technological and material support for their congress in Prague. Further we assisted in organization of their project *Healthy teeth in healthy Prague*. In collaboration with Trimed, which is the students' association at the Third Faculty of Medicine, and the Lions Club Tábor we participated at the charity collection of eyeglasses for Africa.

4. OTHER UNION PROJECTS

Textbook exchange

On 13th October 2009, the students' textbook exchange took place for the second time, this time in the Purkinje Building. Another new feature was participation of publishing houses, such as Galén, Maxdorf, Karolinum, H&H and Triton, which sell literature on medical topics in the Czech market. For the students they all offered 20 per cent discount on their publications.

Information brochure for the new first year students

The Union of Czech Medical Students participated in edition and particularly in distribution of the new information brochure for the new first year students at the First Faculty of Medicine. The edition was by the Faculty and the editor-in-chief was Dr. Martin Kucharík, of the Department of Neurology of the First Faculty of Medicine and General Teaching Hospital. Members of the Union handed the brochure out at the introductory camp in Dobronice, where they again visited all the sessions. This has proved very useful, as it helps in recruiting new active members and in development of new students' activities, which certainly contribute to the reputation of our Faculty.

Social events

Every year we take part in organization of the **Medic Prom Ball** of the First Faculty of Medicine, and it was the case with the 121st ball as well. At the moment we are distributing the tickets for the 122nd ball!

Star Rave-up, a traditional party at the Hvězda ("Star") club, has been held with "smoking ltd." traditionally. In 2009 there were two Star Rave-ups; at both of them the students could also compete for free textbook vouchers, a nano iPod and other valuable prizes.

No Smoking Party, an event of IFMSA the Union of Czech Medical Students aimed against smoking, is similar to the Star Rave-up, but featuring a different kind of alternative music and – above all – with smoking completely banned.

2008 picnic – this time, just like in 2007, the weather was not very favourable. Despite getting off to a bad start like this, the picnic gathered a fair audience and the students as well as employees of the Faculty had a very pleasant afternoon in the garden of the Department of Psychiatry.

The **squash tournament** was organized for our students by the Union for the third time now. This one was scheduled in early December.

Projects for children

The **2009 Children's Day** is one of the very popular events for children that the Union helps to organize every year.

On the 2009 **St. Nicholas Eve** we, like in the past years, visited the clinical departments of the General Teaching Hospital in the traditional disguise of St. Nicholas, Devil and Angel in order to give out small presents, such as sweets, fruit and small toys, to children who had to spend the holiday in hospital. In 2009 the presents were really generous, thanks to both students and employees of the First Faculty of Medicine and General Teaching Hospital who supported the charity collection, and the Nestlé company, which has sponsored our project since 2007.

Union of Czech Medical Students executive board

List of Union of Czech Medical Students executive board members by 23rd November 2009:

Chairman: Petr Kohut

Vice-chairwoman: Jana Silváková

Members: Lukáš Bajer, Lea Heřtová, Imrich Kiss, Jozef Kučerák, Michaela Pavlů, Aneta Pechová, Radoslav Pinteš, Pavel Rutar

*Petr Kohut
Chairman of the Union of Czech Medical Students
executive board*

ACTIVITIES OF THE IFMSA LOCAL BRANCH AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN PRAGUE

In 2009 we carried on the activities of the previous years. Some projects, however, experienced considerable changes, while others continue successfully in the same form. With the support from our Faculty some of us participated in international activities, and we also took part in organizing one of the events in Moravské Budějovice.

1. NATIONAL AND INTERNATIONAL PROJECTS

Students' placements abroad

In the past year, **58** students of our Faculty travelled abroad, **51** for clinical placements and another **7** students for research placements. For the first time we managed to obtain a **subsidy from the University**, amounting to CKR 400,000, which was distributed among the students who had applied before the departure and then, after return, submitted a **travel report** with concise evaluation of the placement and a statement of costs. The students' travel reports are available at the data base on the Faculty's website.

The number of incoming students at the Faculty was **62** so far (**56** for clinical placements and **6** for research placements), another **4** students are expected to come in December. Apart from the placements, rich **social and cultural programme** was prepared, which was implemented by students of our Faculty – this time even more of our students were keen to organize it, and it was **sponsored** by our Faculty.

Teddy Bear Hospital

There has been a still increasing interest in the project of the Teddy Bear Hospital from both kindergartens and students. We co-operate with about twenty kindergartens, some of which are English-speaking ones. In this way the international students of our "parallel English class" can participate in the project as well. At the project we also collaborate with the Second Faculty of Medicine and the Third Faculty of Medicine of Charles University.

The Teddy Bear Hospital was also present at two events on occasion of the Children's Day, one in the garden of the Department of Psychiatry of the First Faculty of Medicine on 1st June 2009, and the other in the Thomayer Teaching Hospital on 17 June 2009.

Smoke Free Party

In the SFP project **considerable changes** appeared in 2009. Mr Jan Kocanda, of the Medical Faculty of Masaryk University in Brno, was elected the European co-ordinator of the project, who managed to win a **grant** from the European Union as well as some **sponsors** for the project. This is why several **Smoke Free Days** could be held in October, when the students approached thousands of people in various cities of the Czech Republic and the neighbouring countries.

World AIDS Day

In the past year the Red Ribbon project was cancelled. A new project is in the pipeline to mark the World AIDS Day but too little information has been available about it so far.

First aid classes at schools

A new form of this project is being prepared recently in co-operation by Mr Jan Špičák of the Second Faculty of Medicine of Charles University and the Rescue Service of the capital city of Prague. The aim of the work is a better training of the instructors, better organization of the project and web pages on first aid.

2. LOCAL PROJECTS

Workshop of surgical suture in co-operation with the 1st Surgical Department of the First Faculty of Medicine and General Teaching Hospital (March 2009)

Presentation Medics on the Bummel (March and October 2009)

Exchange stays of Czech and Slovenian students (May 2009)

Seminars under SCORP:

Health and Nigeria (28 April 2009)

Slavery of 21st century: how can I help as a health care professional. Part 2 (19 May 2009)

Palliative medicine and palliative care, multidisciplinary approach and team (2 June 2009)

3. PARTICIPATION IN INTERNATIONAL IFMSA ACTIVITIES

Michal Rusnák - GA (General Assembly) in Tunisia (March 2009)

- GA in Macedonia (August 2009)

- head organizer of SRT (Sub-regional Training) in Moravské Budějovice (March 2009)

Jana Pištková - SRT in Spain (April 2009)

Lenka Dibusová, Aneta Pechová

- SRT in Moravské Budějovice (October 2009)

Local co-ordinators of the IFMSA CZ local branch at the First Faculty of Medicine of Charles University in Prague:

LP (local president) – Aneta Pechová

LEO (local co-ordinator for clinical placements) – Elena Pavolová

LORE (local co-ordinator for research placements) – Jana Pištková

LPO (local co-ordinator of projects for public health) – Iveta Urbanová

LORA (local co-ordinator of projects for healthy reproduction & AIDS prevention) – Rita Vasziy

LOME (local co-ordinator for further education of physicians) – Petr Kohut

LORP (local co-ordinator of projects for human rights and peace) – Lenka Lesná

Member of the IFMSA CZ executive council

NEO (national co-ordinator for clinical placements) – Michal Rusnák

Aneta Pechová

Local president of IFMSA CZ branch
at the First Faculty of Medicine of Charles University in Prague

FIRST AID FOR PUBLIC

Reversible damage to cells of CNS occurs in 2-3 minutes after the supply of oxygen is cut off. After five minutes the damage to the cells becomes irreversible. In the past few years the rescue ambulances in Prague have been able to reach the site of an accident in 8-15 minutes, depending on the intensity of the traffic...

We are a group of students and alumni of the First Faculty of Medicine of Charles University. Under the auspices of Prof. T. Zima, the Dean of the faculty, and Assoc. Prof. M. Stříteský, the Head of the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital, and with the support of the Academic Club of the First Faculty of Medicine, we organize lectures on the basics of first aid for wide public in our spare time. This is completely done by volunteers, and the lectures at the premises of the First Faculty of Medicine are completely free for all visitors. The lecture, however, is unofficial and does not entitle the participants to any certificates or formal qualifications.

In two hours we try to give the participants as much information on providing first aid in such most common conditions as the ar-

rest in breathing and heart action, brain stroke, unconsciousness, bleeding and some other situations, as bites by venomous animals, burns, poisonings etc.

Always with us is a resuscitation dummy to practise CPR on, which was presented to the Faculty by the Roche company thanks to Prof. T. Zima. Our aim is that all participants can try how to give external heart compressions and mouth-to-mouth rescue breaths by themselves. We assume that several minutes of practical training are much more valuable than hours of lectures.

For his expert assistance, we really appreciate Dr. M. V. Vávra from the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital.

The First Aid for Public project has been in operation for seven years. Since the beginning, we instructed more than 4,000 people. We also take part in the events organized by the First Faculty of Medicine, such as the 2007, 2008 and 2009 Children's Days in the garden of the Department of Psychiatry.

On behalf of First Aid for Public

MUDr. Michaela Ingrischová



On 30th April, Prof. Karel Šonka (second from the left), the Head of the Centre for Sleep and Disturbances at the Department of Neurology of the First Faculty of Medicine, accepted the invitation for an interview in the "Chair for Faust".



The ceremony of presentation of the book Gynaecologic repetitory, published by Maxdorf, took place at the Academic Club of the First Faculty of Medicine in the Faust House on 17th February 2009. From the left: Assoc. Prof. J. Feyreisl (author), Prof. T. Zima (Dean of the First Faculty of Medicine of Charles University), Dr. Dušan Kolařík (author), Dr. Jan Hugo (manager of Maxdorf publishing house).



On 31st March 2009 the press conference The present, future and the further development in cardiosurgery was held. From the left: Prof. T. Zima (Dean of the First Faculty of Medicine of Charles University), Ms. Dana Jurásková (director of the General Teaching Hospital), Assoc. Prof. J. Lindner (Head of the 2nd Surgical Department of the First Faculty of Medicine and General Teaching Hospital).

LIST OF UNITS, BY 31TH DECEMBER 2009



LIST OF UNITS OF THE FIRST FACULTY OF MEDICINE, BY 31TH DECEMBER 2009

SCIENTIFIC / EDUCATIONAL INSTITUTIONS OF THE FACULTY

Institute of Anatomy

U Nemocnice 3, 128 00 Praha 2, tel.: 224 965 780, fax: 224 965 770
 Head: doc. MUDr. Miloš Grim, DrSc.
 E-mail: anat@lf1.cuni.cz

Institute of Physiology

Albertov 5, 128 00 Praha 2, tel.: 224 968 430, 224 968 432, 224 968 420, fax: 224 918 816
 Head: prof. MUDr. Otomar Kittnar, CSc., MBA
 E-mail: physiol@lf1.cuni.cz

Institute of Biochemistry and Experimental Oncology

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 732, 224 965 736, tel. /fax: 224 965 741
 Head: MUDr. Alexi Šedo, DrSc.
 E-mail: chem2@lf1.cuni.cz

Institute of Biophysics and Informatics

Salmovská 1, 120 00 Praha 2, tel.: 224 922 605, 224 923 519, 224 912 554
 Na Bojišti 3, 128 01 Praha 2, tel. /fax: 224 922 342
 Head: prof. MUDr. RNDr. Jiří Beneš, CSc.
 E-mail: biof@lf1.cuni.cz

Institute of Cell Biology and Pathology

Albertov 4, 128 01 Praha 2, tel.: 224 910 315, 224 916 248, fax: 224 917 418
 Head: prof. RNDr. Ivan Raška, DrSc.
 E-mail: lge@lf1.cuni.cz

Institute for History of Medicine and Foreign Languages

Kateřinská 32, 121 08 Praha 2, tel.: 224 923 665, 224 964 291-3, 224 964 108
 E-mail: dejiny@lf1.cuni.cz
 Karlovo nám. 40, 120 00 Praha 2, tel.: 224 963 449, tel. /fax: 224 920 301
 Head: prof. PhDr. Milada Říhová, CSc.
 E-mail: jazyky@lf1.cuni.cz

Institute of Spa Medicine

Hlavní 390, 353 01 Mariánské Lázně, tel.: 354 622 352
 Head: Mgr. Petr Hála (provisional Head of the Institute)
 E-mail: petr.hala@ujop.cuni.cz

Institute of Medical Biochemistry

Kateřinská 32, 121 08 Praha 2, tel.: 224 964 281, fax: 224 964 280
 Head: prof. MUDr. Stanislav Štípek, DrSc.
 E-mail: chem1@lf1.cuni.cz

Institute of Pathological Physiology

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 901, 224 965 916, fax: 224 912 834

Head: prof. MUDr. Emanuel Nečas, DrSc.
 E-mail: patfy@lf1.cuni.cz

Institute of Histology and Embryology

Albertov 4, 128 01 Praha 2, tel.: 224 918 786, 224 968 125, 224 968 135, fax: 224 919 899
 Head: doc. MUDr. Petr Hach, CSc., Dr. Med. h. c.
 E-mail: histol@lf1.cuni.cz

Institute of Humanitarian Studies in Medicine

Karlovo nám. 40, 128 00 Praha 2, tel.: 224 963 442, 224 963 447, tel. /fax: 224 921 694
 Head: doc. Th.Dr. Václav Ventura, Th.D.
 E-mail: human@lf1.cuni.cz

Institute of Social Medicine and Public Health

Karlovo nám. 40, 128 00 Praha 2, tel. /fax: 224 963 422, tel.: 224 963 439
 Head: MUDr. Mgr. Jolana Těšinová (provisional Head of the Institute)
 E-mail: usm@lf1.cuni.cz

Institute of Physical Education

Salmovská 5, 120 00 Praha 2, tel.: 224 965 816, tel. /fax: 224 922 463
 Head: PaedDr. Jana Doležalová
 E-mail: telvy@lf1.cuni.cz

Institute of Nursing Theory and Practice

Videňská 800, Thomayer Teaching Hospital, Building A1, 140 59 Praha 4, tel.: 261 083 538
 Head: Mgr. Eva Marková (provisional Head of the Institute)
 E-mail: osetro@lf1.cuni.cz

Institute of General Medicine

Albertov 7, 128 00 Praha 2, tel. /fax: 224 917 479
 Head: doc. MUDr. Bohumil Seifert, Ph.D.
 E-mail: vseole@lf1.cuni.cz

SCIENTIFIC / EDUCATIONAL CLINICAL INSTITUTIONS OF THE FACULTY

Joint Institutions with General Teaching Hospital

Department of Dermatology and Venereology

U Nemocnice 2, 128 21, tel.: 224 920 610, 224 962 421, fax: 224 923 759
 Apolinářská 4, 121 08, tel.: 224 921 717
 Head: prof. MUDr. Jiří Štork, CSc.
 E-mail: kozni@lf1.cuni.cz

Institute of Pharmacology

Albertov 4, 128 00 Praha 2, tel.: 224 968 146, 224 968 104, fax: 224 921 867
 Head: doc. MUDr. František Perlík, DrSc.
 E-mail: farm@lf1.cuni.cz

Department of Phoniatrics

Žitná 24, 120 00 Praha 2, tel.: 224 964 931, tel. /fax: 224 943 051

Head: doc. MUDr. Olga Dlouhá, CSc.

E-mail: fonia@lf1.cuni.cz

Department of Geriatrics

Londýnská 15, 120 00 Praha 2, tel.: 222 510 106, 222 521 104, 222 520 690, fax: 222 514 294

Head: prof. MUDr. Eva Topinková, CSc.

E-mail: etopink@lf1.cuni.cz

Department of Gynaecology and Obstetrics

Apolinářská 18, 128 51 Praha 2, tel.: 224 912 964, 224 967 425, 224 962 440, fax: 224 922 545

Head: prof. MUDr. Alois Martan, DrSc.

E-mail: jurbano@lf1.cuni.cz

1st Surgical Department – Clinical Department of Abdominal, Thoracic Surgery and Traumatology

U Nemocnice 2, 120 00 Praha 2, tel.: 224 922 272, 224 962 212, tel. /fax: 224 918 642

Head: prof. MUDr. Zdeněk Krška, CSc.

E-mail: chir1@lf1.cuni.cz

2nd Surgical Department – Clinical Department of Cardiovascular Surgery

U Nemocnice 2, 128 00 Praha 2, tel.: 224 962 709, 224 923 478, fax: 224 922 695

Head: doc. MUDr. Jaroslav Lindner, CSc. (provisional Head of the Institute)

E-mail: chir2@lf1.cuni.cz

1st Medical Department – Clinical Department of Hematology

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 527, 224 923 049, fax: 224 923 268

Head: prof. MUDr. Marek Trněný, DrSc.

E-mail: int1@lf1.cuni.cz

2nd Medical Department – Clinical Department of Cardiology and Angiology

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 605, 224 922 692, fax: 224 912 154

Head: prof. MUDr. Aleš Linhart, DrSc.

E-mail: int2@lf1.cuni.cz

3rd Medical Department – Clinical Department of Endocrinology and Metabolism

U Nemocnice 1, 128 08 Praha 2, tel.: 224 916 603, 224 962 922, fax: 224 919 780

Head: prof. MUDr. Štěpán Svačina, DrSc., MBA

E-mail: int3@lf1.cuni.cz

4th Medical Department

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 506, fax: 224 923 524

Head: doc. MUDr. Aleš Žák, DrSc.

E-mail: int4@lf1.cuni.cz

Department of Nephrology

U Nemocnice 2, 128 08 Praha 2, tel. /fax: 224 962 696

Head: prof. MUDr. Vladimír Tesař, DrSc., MBA

E-mail: vladimir.tesar@lf1.cuni.cz

Department of Anaesthesiology, Resuscitation and Intensive Care

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 243, 224 916 921, fax: 224 962 118

Head: doc. MUDr. Martin Strěteský, CSc.

E-mail: kar@lf1.cuni.cz

Department of Paediatrics and Adolescent Medicine

Ke Karlovu 2, 121 09 Praha 2, tel.: 224 961 137, fax: 224 911 453

Head: prof. MUDr. Jiří Zeman, DrSc.

E-mail: detske@lf1.cuni.cz

Department of Occupational Medicine

Na Bojišti 1, 128 08 Praha 2, tel.: 224 964 530, 224 964 521, 224 964 510, fax: 224 914 570

Head: prof. MUDr. Daniela Pelclová, DrSc.

E-mail: nempov@lf1.cuni.cz

Department of Rehabilitation Medicine

Albertov 7, 128 00 Praha 2, tel.: 224 968 478, 224 968 491, 224 968 479, fax: 224 917 898

Head: doc. MUDr. Olga Švestková, Ph. D.

E-mail: rehab@lf1.cuni.cz

1st Department of Tuberculosis and Respiratory Diseases

Kateřinská 19, 120 00 Praha 2, tel.: 224 964 800, 224 964 806, 224 964 820, fax: 224 941 500

Head: prof. MUDr. Jiří Homolka, DrSc.

E-mail: jhomolka@lf1.cuni.cz

Department of Neurology

Kateřinská 30, 128 21 Praha 2, tel.: 224 965 549, 224 965 550, fax: 224 922 678

Head: prof. MUDr. Evžen Růžicka, DrSc.

E-mail: evzen.ruzicka@lf1.cuni.cz

Department of Ophthalmology

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 329, 224 963 030, fax: 224 918 650

Head: doc. MUDr. Bohdana Kalvodová, CSc.

E-mail: kalvodova.bohdana@vfn.cz or sekrpred.ocnikl@vfn.cz

Department of Oncology

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 219, 224 917 830, fax: 224 921 716

Head: prof. MUDr. Luboš Petruželka, CSc.

E-mail: petruzel@vfn.cz

Department of Psychiatry

Ke Karlovu 11, 128 08 Praha 2, tel.: 224 916 858, 224 965 344, fax: 224 923 077

Head: prof. MUDr. Jiří Raboch, DrSc.

E-mail: psych@lf1.cuni.cz

Department of Radiodiagnostics

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 233, 224 962 232, fax: 224 921 700

Head: prof. MUDr. Jan Daneš, CSc.

E-mail: rdg@vfn.cz

Institute of Sexology

Karlovo nám. 32, 120 00 Praha 2, tel.: 222 233 013, fax: 224 966 609

Head: doc. MUDr. Jaroslav Zvěřina, CSc.

E-mail: sexuol@lf1.cuni.cz

Department of Stomatology

Kateřinská 32, 128 01 Praha 2, tel. /fax: 224 916 573
 Karlovo nám. 32, 121 11 Praha 2, tel.: 222 230 046, fax: 224 966 583
 Head: prof. MUDr. Jiří Mazánek, DrSc.
 E-mail: jiri.mazanek@lf1.cuni.cz

Department of Urology

Ke Karlovu 6, 128 08 Praha 2, tel.: 224 917 589, 224 967 848, 224 967 888, fax: 224 921 691
 Head: prof. MUDr. Tomáš Hanuš, DrSc.
 E-mail: lenka.soukupova@lf1.cuni.cz

Institute of Biology and Medical Genetics

Albertov 4, 128 00 Praha 2, tel. /fax: 224 968 160, 224 914 957, 224 914 958
 Head: doc. MUDr. Milada Kohoutová, CSc.
 E-mail: biol@lf1.cuni.cz

Institute of Inherited Metabolic Disorders

Ke Karlovu 2, 128 00 Praha 2, tel.: 224 918 283, fax: 224 919 392
 Head: doc. MUDr. Viktor Kožich, CSc.
 E-mail: metabo@lf1.cuni.cz

Institute of Hygiene and Epidemiology

Studničkova 7, 128 00 Praha 2, tel. /fax: 224 919 967, tel.: 224 968 534
 Head: doc. MUDr. Milan Tuček, DrSc.
 E-mail: hygep@lf1.cuni.cz

Institute of Clinical Biochemistry and Laboratory Medicine

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 841, fax: 224 962 848
 Karlovo nám. 32, 121 11 Praha 2, tel. /fax: 224 966 617
 Head: prof. MUDr. Tomáš Zima, DrSc., MBA
 E-mail: bioch@lf1.cuni.cz

Institute of Immunology and Microbiology

Studničkova 7, 128 00 Praha 2, tel.: 224 968 472, fax: 224 968 496
 Head: prof. RNDr. Libuše Kolářová, DrSc.
 E-mail: imunok@lf1.cuni.cz

Institute of Nuclear Medicine

Salmovská 3, 120 00 Praha 2, tel.: 224 965 813, fax: 224 922 486
 Head: prof. MUDr. Martin Šámal, DrSc.
 E-mail: nukle@lf1.cuni.cz

Institute of Pathology

Studničkova 2, 128 00 Praha 2, tel.: 224 968 710, 224 918 877, fax: 224 911 715
 Head: prof. MUDr. Ctibor Povýšil, DrSc.
 E-mail: ctibor.povysil@lf1.cuni.cz, E-mail: alena.vachova@lf1.cuni.cz

Institute of Forensic Medicine and Toxicology

Studničkova 4, 128 21 Praha 2, tel.: 224 968 615, 224 914 749, tel. /fax: 224 913 892
 Na Bojišti 3, 121 08 Praha 2, tel.: 224 911 267, 224 964 327, 224 964 328
 Head: prof. MUDr. Přemysl Strejč, DrSc.
 E-mail: soudni@lf1.cuni.cz, E-mail: toxi@lf1.cuni.cz

Institute of Sports Medicine

Salmovská 5, 120 00 Praha 2, tel. /fax: 224 919 527, tel.: 224 965 717

Head: doc. MUDr. Zdeněk Vilík CSc.

E-mail: telek@lf1.cuni.cz

Research Institute of Stomatology

Vinohradská 48, 120 60 Praha 2, tel.: 224 966 820, 224 257 174, fax: 224 966 840, 224 257 174
 Head: prof. MUDr. Jana Dušková, DrSc., MBA
 E-mail: duskova@vus.cz

Joint Institutions with Teaching Hospital Motol with Polyclinic**3rd Department of Surgery**

V Úvalu 84, 150 00 Praha 5, tel.: 224 438 000, 224 438 001
 Head: prof. MUDr. Pavel Pafko, DrSc.
 E-mail: pafko@seznam.cz

Department of Otorhinolaryngology and Head and Neck Surgery

V Úvalu 84, 150 00 Praha 5, tel.: 224 434 301, fax: 224 434 319
 Head: prof. MUDr. Jan Betka, DrSc.
 E-mail: jan.betka@lfmotol.cuni.cz
 E-mail: ales.slavicek@lfmotol.cuni.cz

Department of Orthopaedics

V Úvalu 84, 150 00 Praha 5, tel.: 224 433 901, 224 433 900, fax: 224 433 920
 Head: prof. MUDr. Antonín Sosna, DrSc.
 E-mail: orto@lf1.cuni.cz, E-mail: sosna.orto@email.cz

Joint Institutions with Central Army Hospital**Medical Department**

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6, tel.: 973 203 059, 973 111 111
 Head: prof. MUDr. Miroslav Zavoral, PhD. (provisional Head of the Department)
 E-mail: Miroslav.Zavoral@uvn.cz

Department of Ophthalmology

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6, tel.: 973 203 191, 973 111 111
 Head: Col. doc. MUDr. Jiří Pašta, CSc. (provisional Head of the Department)
 E-mail: ocni@uvn.cz

Department of Neurosurgery

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6, tel.: 973 111 111
 Head: prof. MUDr. Vladimír Beneš, DrSc.
 E-mail: nech@lf1.cuni.cz, E-mail: nchr@uvn.cz

Joint Institutions with Teaching Hospital Na Bulovce with Polyclinic**Department of Gynaecology and Obstetrics**

Budínova 2, 180 81 Praha 8, tel.: 266 081 111, 266 083 229, 266 083 238, fax: 283 840 507
 Head: prof. MUDr. Michael Halaška, DrSc.
 E-mail: michael.halaska@lf1.cuni.cz

Department of Surgery

Budínova 2, 180 81 Praha 8, tel.: 266 081 111, 266 082 172, 266 082 430, fax: 266 083 475
 Head: prof. MUDr. František Antoš, CSc.
 E-mail: antos@fnv.cz

Department of Infectious and Tropical Diseases

Budínova 2, 180 81 Praha 8, tel.: 266 082 717, 266 082 343,
266 082 472, 266 082 642, fax: 283 840 504

Head: doc. MUDr. Michal Holub, Ph.D.

E-mail: infe3@lf1.cuni.cz, E-mail: emich@lf1.cuni.cz

Department of Plastic Surgery

Budínova 2, 180 81 Praha 8, tel. /fax: 266 083 204, tel.:
266 083 210

Head: doc. MUDr. Jan Měšťák, CSc.

E-mail: plastika@fnb.cz

Department of Orthopaedics

Budínova 2, 180 81 Praha 8, tel.: 266 082 829, 266 082 876,
266 082 828, fax: 283 840 514

Head: prof. MUDr. Pavel Dungal, DrSc.

E-mail: ort@fnb.cz

Department of Radiodiagnosics

Budínova 2, 180 81 Praha 8, tel.: 266 082 087, 266 082 901, fax:
266 083 390

Head: MUDr. Jaroslava Drechslerová, CSc. (provisional Head of
the Department)

E-mail: drechsj@fnb.cz

Institute of Radiation Oncology

Budínova 2, 180 81 Praha 8, tel.: 266 084 107, fax: 283 840 873

Head: doc. MUDr. Luboš Petruželka, CSc.

E-mail: onkouro@mbox.vol.cz

Joint Institutions with Thomayer Teaching Hospital**Department of Anaesthesiology and Resuscitation**

Vídeňská 800, 140 59 Praha 4, tel.: 261 083 459, 261 083 811,
fax: 261 083 673

Head: doc. MUDr. Roman Zazula, Ph.D.

E-mail: roman.zazula@ftn.cz

Department of Surgery

Vídeňská 800, 140 59 Praha 4, tel.: 261 082 632, 261 082 600,
tel. /fax: 241 721 636

Head: doc. MUDr. Vladimír Visokai, Ph.D.

E-mail: visokai@ftn.cz, E-mail: chirklin@ftn.cz

Department of Paediatrics

Vídeňská 800, 140 59 Praha 4, tel.: 261 083 180, tel. /fax:
241 721 238

Head: doc. MUDr. Hana Houštková, CSc.

E-mail: pediater@ftn.cz

Department of Pneumology

Vídeňská 800, 140 59 Praha 4, tel.: 261 082 373

Head: prof. MUDr. Jiří Homolka, DrSc.

E-mail: jhomolka@lf1.cuni.cz

**Institution of the First Faculty of Medicine at the
Institute of Haematology and Blood Transfusion****Institute of Clinical and Experimental Haematology**

U Nemocnice 1, 128 08 Praha 2, tel.: 221 977 217

Head: prof. MUDr. Marek Trněný, DrSc.

**Institution of the First Faculty of Medicine at the
Institute of Rheumatology****Department of Rheumatology**

Na Slupi 4, 128 50 Praha 2, tel.: 224 920 801, 224 915 234, fax:
224 914 451

Head: prof. MUDr. Karel Pavelka, DrSc.

E-mail: ru_praha@revma.cz

Science and Information Institution of the Faculty**Institute of Scientific Information**

Kateřinská 32, 128 01 Praha 2, tel.: 224 964 220, fax: 224 923 169

Head: PhDr. Hana Skálová

E-mail: vedinf@lf1.cuni.cz, E-mail: knihovna@lf1.cuni.cz

Utility Institution of the Faculty**Centre for Experimental Biomodels**

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 815

Head: Mgr. Viktor Sýkora

E-mail: ceb@lf1.cuni.cz

THE MAP



Joint Units of The First Faculty of Medicine With Teaching Hospitals on The Territory of Prague

A

Prague 4, Vídeňská 800

- Joint Units with Thomayer Teaching Hospital
- Department of Surgery
- Department of Paediatrics
- Department of Pneumology
- Department of Anaesthesiology and Intensive Care
- Institute of Nursing Theory and Practise

B

Prague 5, V Úvalu 84

- Joint Units with Teaching Hospital Motol
- 3rd Department of Surgery
- Department of Otorhinolaryngology and Head and Neck Surgery
- Department of Orthopaedics

C

Prague 6, U Vojenské nemocnice 1200

- Joint Units with Central Military Hospital Prague
- Department of Neurosurgery
- 2nd Medical Department - Clinical Department of Gastroenterology
and Hepatology
- Department of Ophthalmology

D

Prague 8, Budínova 2

- Joint Units with Teaching Hospital Na Bulovce
- Department of Gynaecology and Obstetrics
- Department of Surgery
- Department of Infectious and Tropical Diseases
- Department of Plastic Surgery
- Department of Orthopaedics
- Department of Radiodiagnostics
- Institute of Radiation Oncology

E

Prague 2, Na Slupi 4

- Department of Rheumatology
- Joint Units with Institute of Haematology and Blood Transfusion

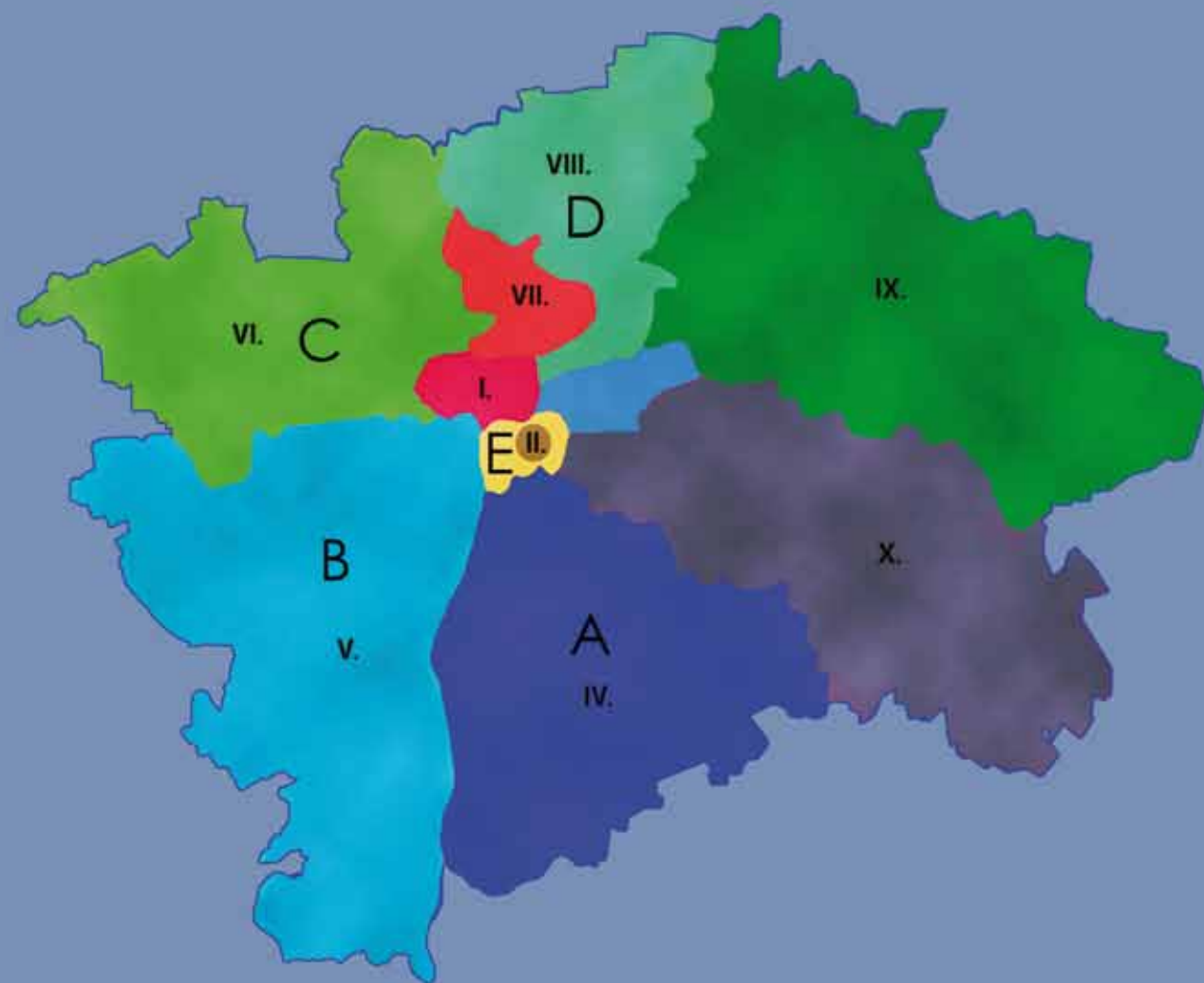
Prague 2, U Nemocnice 1

- Institute of Clinical and Experimental Haematology

Premises of the First Faculty of Medicine and the General Teaching Hospital in the District of Prague 2 (Charles Square and Albertov Area) - Layout



1. 1st Department Tuberculosis and Respiratory Disease
2. Dean's Office - Charles University in Prague, First Faculty of Medicine
3. Institute of Medical Biochemistry
4. Institute of Clinical Biochemistry and Laboratory Medicine
5. Department of Stomatology
6. Institute of Forensic Medicine and Toxicology (Toxicology)
7. Department of Neurology
8. Department of Neurology (Vinická 91)
9. Institute of Scientific Information
10. Institute for History of Medicine and Foreign Languages (Department for History of Medicine)
11. Institute of Biochemistry and Experimental Oncology
12. Institute of Pathological Physiology
13. Institute of Biophysics and Informatics
14. Institute of Nuclear Medicine
15. Institute of Anatomy
16. Institute of Sports Medicine
17. Institute of Physical Education
18. 3rd Medical Department - Clinical Department of Endocrinology and Metabolism
19. Institute of Clinical and Experimental Hematology
20. Faculty House - Institute for History of Medicine and Foreign Languages (Dept. of Foreign Languages)
21. Institute of Social Medicine and Public Health
22. Institute of Humanitarian Studies in Medicine
23. Academic Club of the First Faculty of Medicine
24. 2nd Surgical Department - Clinical Dept. of Cardiovascular Surgery
25. 2nd Medical Department - Clinical Dept. of Cardiology and Angiology
26. 1st Medical Department - Dept. of Hematology
27. Department of Anaesthesiology, Resuscitation and Intensive Medicine
28. Main Entrance to Hospital, Pharmacy
29. Department of Dermatovenereology, Department of Nephrology
30. Transfusion Department
31. 1st Medical Department - Dept. of Hematology
32. 1st Medical Department - Clinical Dept. of Endocrinology and Metabolism
33. Department of Otorhinolaryngology
34. 1st Surgical Department - Clinical Dept. of Abdominal, Thoracic Surgery and Traumatology
35. Department of Radiodiagnosis
36. Department of Urology
37. Institute of Clinical Biochemistry and Laboratory Medicine
38. ENT Department (Otorhinolaryngology and Neck Surgery)
39. Department of Ophthalmology
40. Department of Ophthalmology
41. 4th Medical Department - Clinical Dept. of Gastroenterology and Hepatology
42. Ha Hradku Building - Hospital Management
43. Department of Psychiatry
44. Department of Gynecology and Obstetrics, Dept. of Neonatology
45. Department of Paediatrics and Adolescent Medicine
46. Institute of Inherited Metabolic Disorders
47. Institute of Immunology and Microbiology
48. Hlava Building - Institute of Pathology
49. Institute of Forensic Medicine and Toxicology (Forensic Medicine)
50. Institute of Hygiene and Epidemiology
51. Institute of Immunology and Microbiology
52. 3rd Department of Infectious and Tropical Diseases (Dept. of Tropical Medicine)
53. Institute of Theory and Practice Nursing
54. Institute of Physiology
55. Department of Rehabilitation Medicine, Institute of General Medicine
56. 3rd Medical Department - Institute of Biology and Medical Genetics
57. Institute of Histology and Embryology
58. Institute of Pharmacology
59. Institute of Cellular Biology and Pathology
60. Department of Occupational Diseases
61. Department of Urology
62. Institute of Sexology, Drug dependence Department
63. Department of Rheumatology
64. Polyclinic of General Teaching Hospital (32 Charles Sq.)
65. Out-Patient Departments of the Hospital Clinics
66. Institute of Immunology and Microbiology
67. V. Polik: Family Breast Diagnostic Center, Pharmacy
68. Department of Phoniatrics (29 Zitná St.)
69. Department of Geriatrics (15 Londýnská St.)
70. Internal Audit Control Department, Asklepion Laser Center





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