

ANNUAL REPORT

CHARLES UNIVERSITY IN PRAGUE

FIRST FACULTY OF MEDICINE

2004



ANNUAL REPORT 2004



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Compiled by the Department of Outward Relations of the First Faculty of Medicine – Mgr. Vlasta Helekalová, MBA,
prof. MUDr. Jiří Kraml, DrSc.

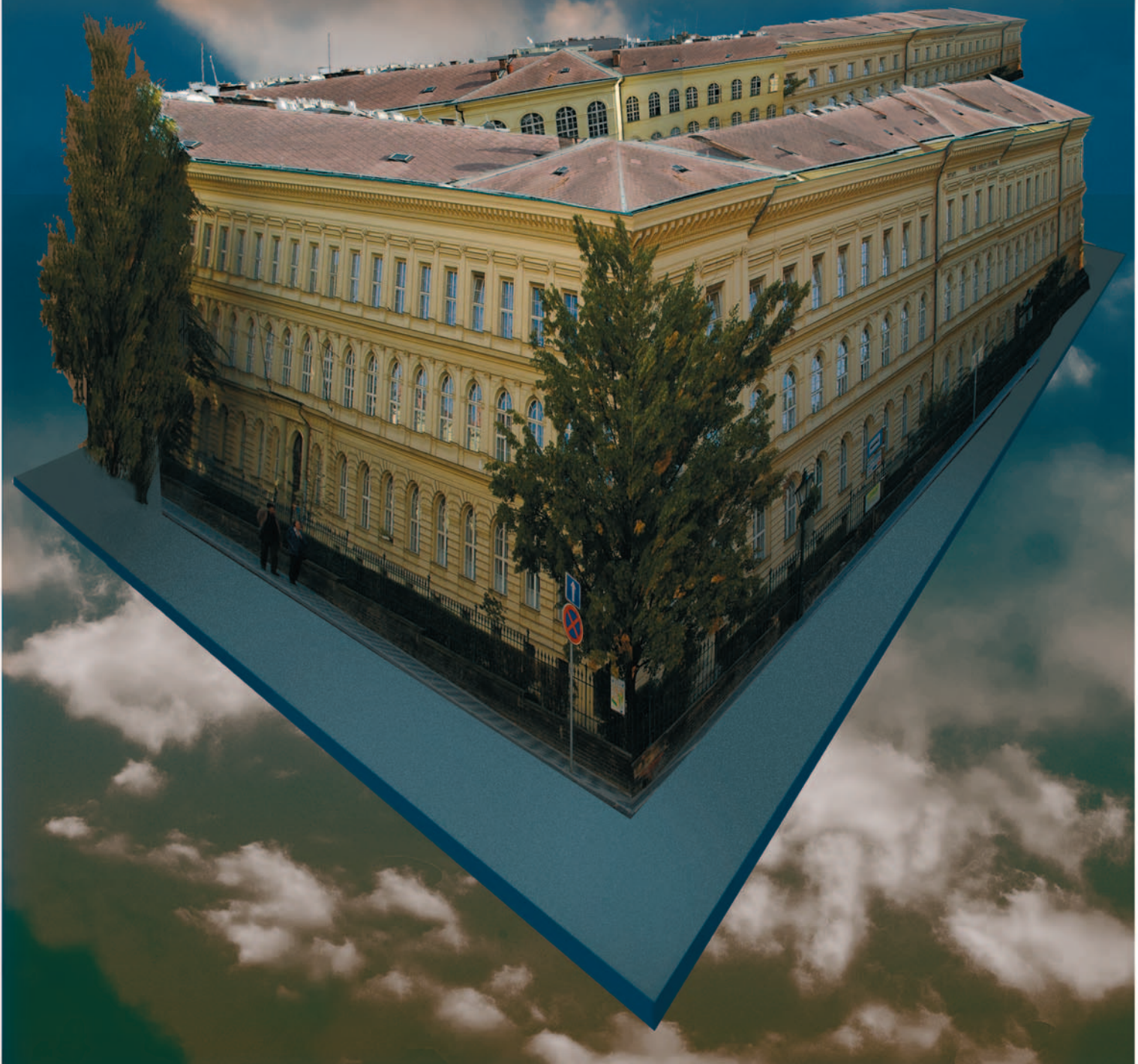
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DEAN OF THE FACULTY



DEAN OF THE FACULTY

Dear members of the academic community, dear friends and co-operators of Charles University in Prague – the the First Faculty of Medicine. Let us submit the Annual Report of the Faculty for 2004.

That was a successful year for all of our activities. The members of the Faculty staff made some remarkable achievements in science and won considerable appreciation. The number of appointment procedures for Professor and Associate Professor posts was so high that three such procedures had to be passed at nearly every session of the Scientific Board. Also the number of theses defended in the doctoral study programmes was high, and the numbers of our graduates and fields

important anniversaries and the names of those who died last year. At least, the 80th birthday of Professor Vratislav Schreiber, the 75th birthday of Professor Jiří Tichý, a former Dean, and the 70th birthday of Professor Stanislav Trojan, the longest-serving Head of a Faculty institute, must be mentioned.

Also our traditional partners, our Teaching Hospitals, met the end of the year in a good state. Three of them were allied under the unified direction of MUDr. Pavel Horák, CSc., MBA. After many years of difficulties, the new director is getting the hospitals out of trouble – not only the largest one, the General Teaching Hospital at Charles Square, but also the more difficult hospitals at Krč and Bulovka.

For many years the Faculty has organized the assemblies of Heads of the institutes and clinical departments before Christmas. On that occasion we issued another book of interviews of the *Chair for Faust* series, this time dedicated to the memory of Professor Zdeněk Lojda, who certainly is the most important personality of those who – alas – passed away in 2004. As in the few past years, the Faculty again issued a decorative wall calendar and a special New Year greeting card with the images of those famous personalities of the Faculty's 656-year history whose anniversaries, whether birthdays or anniversaries of death, will be commemorated in 2005 throughout the year.

Let me express my thanks to all those who have contributed to the achievements of the Faculty, as mentioned in this Annual Report. Last but not least, I do appreciate the assistance of the colleagues from the Dean's Board as well as that by the Bursar of the Faculty, Ms Eva Soubustová, MBA, and Ms Vlasta Helekalová, MBA, who all helped to compile the report.

In conclusion, let me say goodbye and wish the new Dean, who will probably be elected on 18th April 2005, much success, so that the next Annual Report may be even more extensive in listing the achievements than those during the six years when I was in office as the head of our Faculty.



Prof. MUDr. Štěpán Svačina, DrSc., MBA
The Dean of Charles University in Prague - First Faculty of Medicine

of studies keep increasing as well. In 2004, the first graduates of two new non-medical programmes took their Master degrees.

The first event of the past year was a press-conference in Mariánské Lázně on the occasion of the opening of a new institute – the Institute of Spa Medicine. The number of institutions within the Faculty rose beyond seventy last year. In 2004, the traditional Faculty journal, *Sborník lékařský*, made a new start: it was renamed to *Prague Medical Report* and has only been published in the English version since that moment.

Traditionally, the Annual Report informs about the events at the Faculty, including the medals awarded,

Prof. MUDr. Štěpán Svačina, DrSc., MBA
Dean of the the First Faculty of Medicine
Charles University in Prague

In April 2004, the ranks of the teaching and scientific staff of the First Faculty of Medicine suffered a loss as the excellent scientist and teacher, the outstanding representative of the field of histochemistry, Prof. MUDr. Zdeněk Lojda, DrSc., Dr.med.h.c., Dr.jur.h.c., Professor Emeritus of Charles University in Prague, passed away.

He was the first Pro-rector for international relations after the revolution, and he had much credit in making the Charles University again an internationally respected institution, as well as in the rapid development of international educational and scientific exchange in both the students and the staff of the University. Professor Zdeněk Lojda was a pioneer of histochemistry worldwide and the founder of the field in this country. He was an enlightened educator with a lot of personality – his courses in histochemical techniques, held for many years under the auspices of the Institute for Further Education of Health Care Staff in Brno, were famous. The students he taught or examined remember him frequently and with love. His laboratory was a much-sought training centre in histochemistry among scientists from both home and abroad. His book on histochemistry of enzymes was published in German, English and Russian, and used as a manual worldwide.

He was the only representative of Central and Eastern Europe in the International Federation of Histochemical Societies. He was awarded Schleinen's Leopoldina Medal and the medal Pioneer's Award of IFHS (Washington 1988). For many years he was the Chairman of the Czechoslovak Society of Histochemistry and Cytochemistry. A proof of worldwide recognition is not only his activity in the editorial boards of virtually all histochemical and cytochemical journals but – above all – his membership of Deutsche Akademie der Naturforscher Leopoldina and honorary membership of Royal Microscopic Society (Oxford), Gesellschaft für Topochemie und Elektronenmikroskopie, the International Federation of Histochemical Societies (Washington), as well as several honorary Doctor degrees of both European and American universities.

To honour Professor Zdeněk Lojda's memory, the management of the First Faculty of Medicine held a solemn assembly with his family members at the Carolinum.

*Prof. MUDr. Štěpán Svačina, DrSc., MBA
Dean of the the First Faculty of Medicine
Charles University in Prague*



Solemn assembly in the Carolinum to honour Professor Zdeněk Lojda's memory in the presence of his family members and of the management of the First Faculty of Medicine and Charles University in Prague

Commemorative tablet unveiled in the entrance hall of the General Teaching Hospital

V areálu Všeobecné fakultní nemocnice studovali a pracovali v 19. a 20. století významní badatelé, kteří svými objevy přispěli k rozvoji světové medicíny. Z jejich dlouhé řady si připomínáme:

Throughout the nineteenth and twentieth centuries, outstanding research scientists, who contributed to the development of the world medicine with their discoveries, worked at the premises of the General Teaching Hospital. Of the long list of names we commemorate:

A. Biedl • experimentální patologie • <i>experimental pathology</i>	F. Herles • interna • <i>internal medicine</i>	H. H. Knaus • gynekologie • <i>gynaecology</i>	J. Procháška • fyziologie • <i>physiology</i>
B. T. Cori, C. F. Cori (Nobelova cena 1947) • fyziologie, biochemie • <i>physiology, biochemistry</i> (Nobel Prize 1947)	F. Heřmanský • interna • <i>internal medicine</i>	J. Král • interna • <i>internal medicine</i>	J. E. Purkyně • fyziologie, histologie • <i>physiology, histology</i>
J. Diviš • echirurgie • <i>surgery</i>	J. Hlava • patologická anatomie • <i>pathology / anatomy</i>	Z. Kunz • chirurgie, neurochirurgie • <i>surgery, neurosurgery</i>	K. Raška • epidemiologie • <i>epidemiology</i>
T. Douša • interna • <i>internal medicine</i>	J. Horbaczewski • lékařská chemie • <i>medical chemistry</i>	V. Laufberger • fyziologie • <i>physiology</i>	J. Selye • experimentální patologie, biochemie • <i>experimental pathology, biochemistry</i>
K. Kafka • pneumologie • <i>pneumology</i>	J. Hynie • psychiatrie, sexuologie • <i>psychiatry, sexology</i>	K. Maydl • chirurgie • <i>surgery</i>	J. Teisinger • interna • <i>internal medicine</i>
K. Freund • psychiatrie, sexuologie • <i>psychiatry, sexology</i>	J. Charvát • interna • <i>internal medicine</i>	F. Patočka • mikrobiologie, virologie • <i>microbiology, virology</i>	K. Toldt • anatomie • <i>anatomy</i>
F. Hájek • soudní lékařství • <i>forensic medicine</i>	J. Jánský • psychiatrie, hematologie • <i>psychiatry, haematology</i>	K. Pawlák • gynekologie • <i>gynaecology</i>	V. Treitz • patologická anatomie • <i>pathology / anatomy</i>
M. Hašek • imunologie • <i>immunology</i>	R. Jedlička • chirurgie, radiologie, rentgenologie • <i>surgery, radiology</i>	V. Petters • dermatovenerologie • <i>dermatology and venerology</i>	W. Weil • hygiena • <i>hygiene</i>
	E. T. A Klebs • patologická anatomie • <i>pathology / anatomy</i>	A. Pick • psychiatrie, neurologie • <i>psychiatry, neurology</i>	J. Wolf • histologie • <i>histology</i>

V Praze dne 4. června 2001
– odhaleno u příležitosti oslav 210. výročí založení
Všeobecné fakultní nemocnice na Karlově náměstí.



In Prague on 4th June 2001 – unveiled on the occasion
of the 210th anniversary of the foundation
of the General Teaching Hospital at Charles Square.

ACADEMIC SENATE



ACADEMIC SENATE

For the Academic Senate of the First Faculty of Medicine, 2004 was the last year in the whole term in office. Since the 13th December 2004 the Academic Senate has been working as newly composed. Therefore, there is a chance for all the former members to review those past three years in office.

During its three-year activity, the former Academic Senate of the First Faculty of Medicine held 29 sessions, including nine sessions in 2004. It is gratifying to say that throughout the whole term a session never failed to be opened due to an insufficient number of members present.

Three members in total left the Academic Senate during the term – all of them student members who had completed their studies at the Faculty or had been invited for a long-term fellowship abroad. The elected substitutes were then invited to the Senate to replace them. Five student members had graduated but went on studying in a programme of post-graduate studies, therefore being members of the Academic Senate further on.

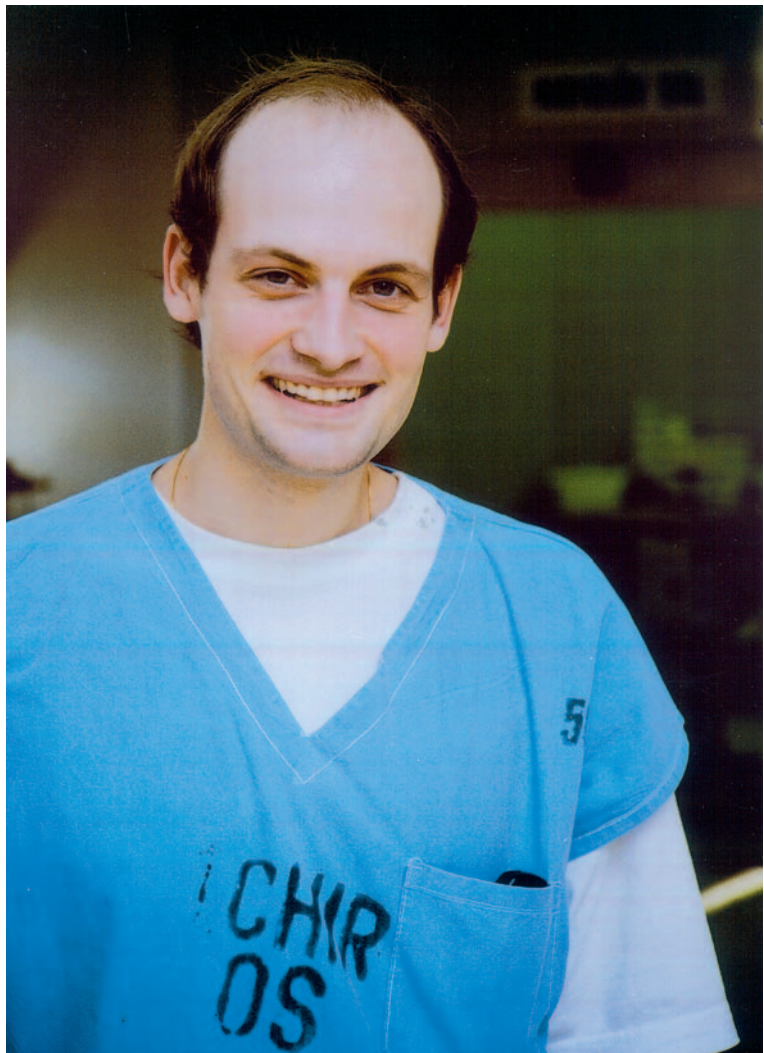
In the first year, the main concern of the Academic Senate was the election of the Dean of the First Faculty of Medicine; Prof. MUDr. Štěpán Svačina, DrSc., MBA, was elected to the office. As a candidate for the election of the Rector of Charles University in Prague, Prof. Ing. Ivan Wilhelm, CSc., was proposed by the Academic Senate.

In the second year, the Academic Senate was engaged in the topical issues of financing university-level education (supporting the initiative of Palacký University in Olomouc, known as the „Olomouc appeal“) but also opposed the attempts by the Ministry of Health of the Czech Republic to affect the integrity of the First Faculty of Medicine and the General Teaching Hospital by dissolving the Clinical Department of Paediatrics and Adolescent Medicine at the First Faculty of Medicine and General Teaching Hospital. I am glad to say that all such attempts have been warded off so far.

The third year of the term, compared to those two before, was rather filled with routine work. In the second half of the year, the Academic Senate was concerned in preparation for the election of a new Senate. Perhaps partly because of the three years of activity of the former Academic Senate and partly because of attempts of some members of the academic community to draw attention to themselves, the Faculty managed – for the first time in its modern history – to comply with the strict demand of the Act of Higher Education at the election, achieving the quorum re-

quired at the first attempt. Therefore the new Academic Senate was able to set to work even before the end of 2004.

Throughout the whole term, the former Academic Senate kept dealing with the current ammendation of internal regulations of the First Faculty of Medicine, as required by the situation. A real success was the passing and implementation of the Regulation of Tuition



*MUDr. Jan Bruthans
Chairman of the Academic Senate of the First Faculty of Medicine*

Evaluation at the First Faculty of Medicine, which will enable detailed evaluation and improvement of tuition.

Continuously, new field of studies were introduced at the Faculty, both in Bachelor and follow-up Master programmes. The Academic Senate took an active part in defining and launching the new Master degree programme of Practical Dentistry.

Naturally, the Academic Senate also responded to topical issues of the Faculty, such as the concept of training in Stomatology or the problems of performing

the examinations and repetition of the first study year at the First Faculty of Medicine.

The activities of the Academic Senate members were directed towards improvement of the social life at the Faculty as well – we managed to launch the annual Christmas Concert, which takes place in the impressive setting of the chapel at the clinical Department of Gynaecology and Obstetrics and has perhaps become a tradition.

Last but not least I would like to say thank you to all Academic Senate members for everything they did for the Faculty throughout their term in office and to wish the new Academic Senate much success in the office.

*MUDr. Jan Bruthans
Chairman of the Academic Senate
of the First Faculty of Medicine
for the 2002-2004 term,
serving until 12 December 2004*

Dear academic citizens,

the goal of the Annual Report is to inform about the events and results of the past year. This is an occasion to think and look back at what has been done. The term of the recent Academic Senate began just at the end of the year which is analysed in this Report, and I was elected the Chairman at the same time. This is why I do not feel to be a fitting person to deal with the past events but would rather let my predecessor do so. I would like to think of the prospects and future of the just elected Senate rather than of the past.

The recent Academic Senate originated from the election, in which even in the first polling round more than 30 per cent of the Faculty's academic community members took part. Such a high interest of the electorate is hardly precedented in the Faculty's modern history, and it is an exception within the whole University as well. There are certainly more reasons for that. The electors wanted to express their support for particular candidates' programmes, therefore providing a strong mandate for their implementation, but at a time – by doing so – they express their confidence in the Academic Senate as an institution and in the principle of self-government, which is among the basic concepts of the university. It is obvious that the members of the academic community want to take part in governing the affairs that each of them and the whole academic community are closely concerned with.

For this reason I suppose that the overall purpose of the Academic Senate is to foster this confidence and to promote the active interest of the academic community in their Faculty. The Senate should behave in such a way which would not give way to scepticism in social affairs, above all, among young colleagues. Jokingly, we can say that the AS should show just the opposite of what we can see on the political scene. There we can observe one interesting principle which applies to every structure of society: the less motivates its citizens to activity, the more it encourages power-hungry individuals. And – the

other way round – if there were more interest in the common cause, there would be less risk of opening the way to power for career-hunters.

Age-old experience shows that a society where people can trust the institutions of self-government is always a prosperous society, materially or spiritually. The same applies to the academic sphere. Its good functioning undoubtedly gives you a feeling of fellowship and healthy pride in your alma mater.

The nature of this „overall“ purpose foreshadows a long journey with many particular tasks along its course. This becomes still more obvious at the time when politicians lack the interest in solving – or the ability to solve – fundamental questions concerning university education and health care system. Their activity, or perhaps rather inactivity does not create favourable conditions for our work and will certainly be the cause for more trouble in the future. All the more so, the academic community must stand together, be able to express its needs clearly and safeguard its own adequate functioning as well.

However, this will no further be possible without involvement of all of you.

On behalf of the AS, I wish you a lot of creative energy and success in 2005.

*Bc. Marek Hilšer
Chairman of the Academic Senate
of the First Faculty of Medicine
serving since 13 December 2004*



Bc. Marek Hilšer



Quarters of Faust House destroyed by fire



Faust House after extensive reconstruction

SCIENCE AND RESEARCH, INTERNATIONAL RELATIONS AND COOPERATION



SCIENCE AND RESEARCH

The scientific output of the Faculty staff is documented by the data in the following chart, showing the basic parameters of scientific activity at the First Faculty of Medicine between 1993 and 2003, partly in 2004 as well, including the financial support of research from grant projects and the personnel support from the Faculty. The considerable increase of the means allotted for research between 1999 and 2004 was mainly determined by the research plans. In 2004, the total amount of money allotted to research increased again, compared to 2003. The number of students in the doctor degree studies also increased in 2004, while the decrease in the total number of employees and the increase in the number of employees paid off grants and research projects stopped. The total number of publications in 2003, compared to 2002, dramatically increased in quality; also increased the number of authors publishing in journal with an IF, while the total number of publishing au-



*Prof. MUDr. Vladimír Tesař, DrSc., MBA
Vice-Dean for scientific work and research*

thors and the number of authors quoted in SCI decreased. In 2003, the trend towards a higher number of quotations of the authors from the First Faculty of Medicine continued.



*Prof. MUDr. Michael Halaška, DrSc.
Vice-Dean for international relations and representation of the Faculty*

GRANT SUPPORT OF SCIENCE AND RESEARCH

The list of grant projects done at the First Faculty of Medicine and General Teaching Hospital in 2004, by names, is presented on the web pages of the First Faculty of Medicine of Charles University. For this reason, only synoptic charts, comparing the 1993-2004 figures, are included in this Report.

By the Order number 281 of 22nd April 1998, the Government of the Czech Republic approved *The rules for evaluation of research concepts proposals and results of organizations, for the purpose of institutional support of research and development*. From the First Faculty of Medicine, the following were submitted and adopted, which in the 1999–2004 period would be financed from the institutional funds provided for their support. In 2004, the sum total of subsidy from the institutional funds was CKR 107,579,000.

RESEARCH CONCEPTS OF THE FIRST FACULTY OF MEDICINE – 1999–2004

Plasticity of the brain – theoretical and clinical aspects of development, maturation and aging – Prof. MUDr. Soňa Nevšimalová, DrSc.

Metabolic, hormonal and immunologic changes leading to rise and development of vascular diseases: their pathophysiology, diagnostics, therapy, epidemiology, prophylaxis – Prof. MUDr. Josef Marek, DrSc.

Study of physiological and pathological processes at the molecular level – Prof. MUDr. Milan Elleder, DrSc.
Molecular biology, genetic and epigenetic aspects of rise and development of model tumours of adult age – Prof. MUDr. Pavel Klener, DrSc.

New technology and techniques in diagnostics, prevention and treatment – Prof. MUDr. Marie Pešková, DrSc.
Aspects of development of oral health: pathophysiology, diagnostics, therapy, prevention – Prof. MUDr. Jaroslav Racek, DrSc.

Aims of medicine: quality of life – MUDr. PgMgr. Jan Payne
Modelling the biomedical systems and its use in interpretation of results of experiments in basic research, clinical practice and modern medical education – MUDr. Jiří Kofránek, CSc.

RESEARCH CONCEPTS PROPOSALS FOR 2005

In October 2004, the Ministry of Education announced the terms for submitting proposals of research concepts to be launched on 1st January 2005 on its web pages. For the First Faculty of Medicine, seven proposals were submitted, of which the following three research concepts were admitted:

Molecular biology and pathology of the cell at normal and in selected clinically important pathological processes – Prof. MUDr. Milan Elleder, DrSc.

Molecular biological, genetic and epigenetic aspects of occurrence and development of model tumours of the adult age: Importance for epidemiology, early diagnostics 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

PRAGUE MEDICAL REPORT 2004

In 2004, the First Faculty of Medicine took one risky but – after all – successful step. Following careful preparation and in a close co-operation between the managements of the Faculty, Charles University and its publishing house Karolinum, the Faculty made radical alterations to the concept and appearance of the medical journal *Sborník lékařský*. Thus, this journal entered the 105th year of its life as *Prague Medical Report (Sborník lékařský)*, exclusively in English language and with a new, modern graphic lay-out. The new editorial staff (including the editor-in-chief Prof. MUDr. Miloš Langmeier, DrSc., the language editor Prof. MUDr. Jaroslav Pokorný, DrSc., and the executive editor PhDr. Květa Šubrtová), the just appointed editorial board as well as the new international supervising committee, composed of ten specialists from eight countries (including USA and Russia) managed to issue a complete year volume of the quarterly – in addition, with varied contents and quality growing from issue to issue.

The journal – although virtually new – is indexed and abstracted at Index-medicus, MEDLINE and PubMed. And there is another feature, which is brand new: Since the very beginning, *Prague Medical Report* has had own pages at the Faculty website, where immediately following every new issue the editors, in co-operation with the Computer Technology Department, display not only contents but also abstracts. This is to spread the knowledge of the scientific work of the institutes and clinical departments of the First Faculty of Medicine not only within the country but also beyond. And the intermediate goal is – above all – to return the impact factor to the journal as soon as possible.



BASIC PARAMETERS OF SCIENTIFIC ACTIVITY AT THE FIRST FACULTY OF MEDICINE 1993-2004

Financial and personnel support						
	Grant funds allotted in thousands CKR. Since 1999 Research Concepts	Number of grant projects incl. those in GT Hospital. Since 1999 incl. Research Concepts	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
1993	21 317	224		27	1 300	
1994	32 685	249	1 200	81	1 873	
1995	40 272	300	1 154	76	2 209	507
1996	76 419	316	984	136	1 361 ^{1/} 1 505 ^{2/}	522 643 ^{2/}
1997	89 926	293	897 (+27) ^{3/}	229	2 789	631
1998	77 888	271	879.44 (+38.3) ^{3/}	312	3 218	734
1999	145 474	245 8	888.04 (+45.5) ^{3/} (+113.9) ^{4/}	376	3 278	625
2000	146 131	263 8	890.67 (+58.9) ^{3/} (+80.5) ^{4/}	471	2 668	845
2001	177 743	298 8	840.23 (51.4) ^{3/} (104.1) ^{4/}	541	3 268	969
2002	181 743	281 8	838.42 (28.7) ^{3/} (112.9) ^{4/}	597	3672	1028
2003	203 899	211 8	863.9 (34.87) ^{3/} (116.29) ^{4/}	657	4622	822
2004	236 304	268	867.9 (45.05) ^{3/} (118.92) ^{4/}	780		

Publications and their impact							
	specifically:						
	Monographs and textbooks in Czech and English	Original expert and scientific publications and reviews	Original expert and scientific publications 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
1993	53	412	151			cca 900	
1994	60	455	122	126	152,3	1 118	
1995	103	469	118	101	191,33	1 352	174
1996	61 73 ^{2/}	594 646 ^{2/}	126 130 ^{2/}	148 164 ^{2/}	180,42 183,43 ^{2/}	1 630 1 666 ^{2/}	184 196 ^{2/}
1997	160	819	208	172	445,9	1 495	190
1998	176	790	180	175	385,08	2 313	242
1999	124	891	216	185	472,11	3029	222
2000	80	732	270	283	504,56	3802	337
2001	106	964	287	356	769,61	4720	411
2002	166	945	299	403	704,28	5852	498
2003	110	1022	345	449	855,8	7123	420

^{1/} In 1996 the list of bibliography does not include „grey literature“ or congress abstracts.^{2/} Including the General Teaching Hospital.^{3/} From grants.^{4/} From Research Concepts.

DOCTORAL STUDY PROGRAMMES

DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS

Molecular and cell biology, genetics and virology Doc. RNDr. Petr Pikálek, CSc., Faculty of Natural Science, Prague

Biology and pathology of the cell Prof. MUDr. Karel Smetana, DrSc., Institute of Haematology and Blood Transfusion, Prague

Biomedical informatics Prof. RNDr. Jana Zvárová, DrSc., First Faculty of Medicine, Prague

Developmental biology Doc. RNDr. Josef Nedvídek, Faculty of Natural Science, Prague

Biochemistry and pathobiochemistry Prof. MUDr. Jiří Kraml, DrSc., First Faculty of Medicine, Prague

Physiology and pathophysiology of human Prof. MUDr. Stanislav Trojan, DrSc., First Faculty of Medicine, Prague

Immunology RNDr. Vladimír Holáň, DrSc., Institute of Molecular Genetics, Academy of Science of the Czech Republic, Prague

Medical microbiology Doc. RNDr. Jaroslava Svobodová, CSc., Faculty of Natural Science, Prague

Neurosciences Prof. MUDr. Jiří Tichý, DrSc., First Faculty of Medicine, Prague

Pharmacology and toxicology Prof. MUDr. Sixtus Hynie, DrSc., First Faculty of Medicine, Prague

Medical biophysics Prof. MUDr. František Vítek, DrSc., First Faculty of Medicine, Prague

Parasitology Prof. RNDr. Jaroslav Kulda, DrSc., Faculty of Natural Science, Prague

Experimental surgery Prof. MUDr. Jaroslav Živný, DrSc., First Faculty of Medicine, Prague

Preventive medicine Prof. MUDr. Kamil Provazník, 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 MUDr. Mgr. Jan Payne, Ph. D., First Faculty of Medicine, Prague

History of Medicine Prof. PhDr. Milada Říhová, CSc., First Faculty of Medicine, Prague

SURVEY OF THE NUMBER OF STUDENTS IN THE DOCTORAL STUDY PROGRAMMES BY THE FIELDS AND FORMS OF STUDY AT THE FIRST FACULTY OF MEDICINE BY 31ST DECEMBER 2004

Field	daily full-time	combined	intergovernmental agreements
Molecular and cell biology, genetics and virology	25	24	-
Biology and pathology of the cell	15	30	1
Developmental biology	2	2	-
Biochemistry and pathobiochemistry	46	32	-
Physiology and pathophysiology of human	97	159	-
Immunology	12	16	-
Medical microbiology	2	-	-
Neurosciences	26	61	-
Pharmacology and toxicology	8	8	-
Medical biophysics	6	22	-
Parasitology	1	-	-
Experimental surgery	24	71	1
Biomedical informatics	15	14	-
Preventive medicine	7	11	-
Gerontology	-	2	1
Psychology	16	8	-
Medical ethics	6	4	-
History of medicine	1	4	-
TOTAL	780		

DOCTOR DEGREE STATE EXAMINATIONS

Student's first name & surname	Degree	Field	Date of examination
Petra Benešová	MUDr.	physiology and pathophysiology of the human	26 November 2004
Marek Böhm	MUDr.	biochemistry and pathobiochemistry	14 September 2004
Jiří Brabec	Mgr.	neurosciences	13 May 2004
Veronika Deckerová	MUDr.	medical biophysics	13 December 2004
Blanka Drdová	Mgr.	molecular and cell biology, genetics and virology	21 June 2004
Lenka Foretová	MUDr.	molecular and cell biology, genetics and virology	21 September 2004
Lubor Goláš	MUDr.	physiology and pathophysiology of the human	13 February 2004
Magdalena Herknerová	MUDr.	physiology and pathophysiology of the human	22 October 2004
Olga Horáková	Mgr.	biochemistry and pathobiochemistry	3 November 2004
Jitka Housová	MUDr.	physiology and pathophysiology of the human	7 October 2004
Martin Chovanec	MUDr.	biology and pathology of the cell	17 June 2004
Zuzana Jarkovská	MUDr.	physiology and pathophysiology of the human	8 December 2004
Michal Krčmář	MUDr.	physiology and pathophysiology of the human	24 June 2004
Tomáš Kučera	MUDr.	biology and pathology of the cell	17 June 2004
Jozefína Kyzeková	MUDr.	physiology and pathophysiology of the human	3 December 2004
Marcela Lippertová-Grünerová	MUDr.	physiology and pathophysiology of the human	15 December 2004
Jean-Claude Lubanda MUKonkole	MUDr.	physiology and pathophysiology of the human	22 October 2004
Jan Martínek	MUDr.	physiology and pathophysiology of the human	24 June 2004
Tomáš Mráček	Mgr.	biochemistry and pathobiochemistry	23 June 2004
Milan Mrázek	MUDr.	physiology and pathophysiology of the human	3 December 2004
Lenka Mrázová	Ing.	molecular and cell biology, genetics and virology	21 September 2004
Michal Otčenášek	MUDr.	physiology and pathophysiology of the human	24 June 2004
Gabriela Suchánková	MUDr.	physiology and pathophysiology of the human	17 December 2004
Klára Sušánková		neurosciences	21 October 2004
Šárka Svobodová	MUDr.	physiology and pathophysiology of the human	8 December 2004
Ladislav Šenolt	MUDr.	physiology and pathophysiology of the human	22 September 2004
Šárka Šímová	Mgr.	molecular and cell biology, genetics and virology	20 December 2004
Petr Šťoviček	MUDr.	physiology and pathophysiology of the human	20 October 2004
Robert Tomáš	MUDr.	neurosciences	22 September 2004
David Veselý	MUDr.	experimental surgery	7 June 2004
Peter Zanvit	Mgr.	immunology	22 September 2004
Eva Zatloukalová	Mgr.	biochemistry and pathobiochemistry	3 November 2004
Martina Zimovjanová	MUDr.	physiology and pathophysiology of the human	22 October 2004

THESES DEFENDED IN THE DOCTORAL STUDY PROGRAMME

Ing. Linda Berná – biochemistry and pathobiochemistry defended a doctoral thesis on the theme: *„Pathobiochemistry and diagnostic of metachromatic leukodystrophy and some other sulphatide lipidoses“*
Date of the viva voce: 23 June 2004

Mgr. Vítězslav Bryja – neurosciences defended a doctoral thesis on the theme: *„Regulators of the cell cycle in neural differentiation and in cell differentiation in general“*
Date of the viva voce: 27 May 2004

MUDr. Petr Bušek - neurosciences defended a doctoral thesis on the theme: *„Some physiological and pathophysiological aspects of the autonomic nervous system“*
Date of the viva voce: 22 September 2004

Mgr. Markéta Čapková – biochemistry and pathobiochemistry defended a doctoral thesis on the theme: *„Molecular and biochemical nature of the disorders of cytochrome c oxidase“*
Date of the viva voce: 28 January 2004

MUDr. Vilém Danzig – physiology and pathophysiology of the human defended a doctoral thesis on the theme: *„Influencing cardiovascular functions by increased intraabdominal pressure during laparoscopic surgeries“*
Date of the viva voce: 20 October 2004

MUDr. Daniel Elleder – molecular and cell biology, genetics and virology
defended a doctoral thesis on the theme: „*Characterization of Avian Sarcoma and Leucosis Virus Receptors*“
Date of the viva voce: 1 July 2004

MUDr. David Habart – molecular and cell biology, genetics and virology
defended a doctoral thesis on the theme: „*Molecular genetics of inherited coagulation diseases*“
Date of the viva voce: 18 November 2004

Doz. Dr. Carl Nikolaus Homann – neurosciences
defended a doctoral thesis on the theme: „*The bradykinesia akinesia incoordination test for measuring motor dysfunction in Parkinson's disease*“
Date of the viva voce: 21 October 2004

MUDr. Hana Hubálková – experimental surgery
defended a doctoral thesis on the theme: „*Evaluation of durability of fixed dental replacements*“
Date of the viva voce: 14 January 2004

Mgr. Ko-Tung Chang – physiology and pathophysiology of the human
defended a doctoral thesis on the theme: „*Fetal Hematopoiesis with Emphasis on Gene Expression and Repopulating Stem Cell Capacity during Liver Development*“
Date of the viva voce: 7 October 2004

Ing. Bohumila Janošíková – molecular and cell biology, genetics and virology
defended a doctoral thesis on the theme: „*Epidemiologic studies of genetic variants in homocystein metabolism*“
Date of the viva voce: 21 September 2004

Mgr. Ondřej Kaminský – pharmacology and toxicology
defended a doctoral thesis on the theme: „*Influence of stress and psychostimulants upon behaviour of the lab rat*“
Date of the viva voce: 26 February 2004

Mgr. Vilma Kaplanová – biochemistry and pathobiochemistry
defended a doctoral thesis on the theme: „*Genetics and functional consequences of the mitochondrial DNA with G3460A point mutation*“
Date of the viva voce: 14 September 2004

MUDr. Eva Kitzlerová – neurosciences
defended a doctoral thesis on the theme: „*Morphological changes of the cardiac electric field within the therapy of depressive disorder with antidepressants*“
Date of the viva voce: 13 May 2004

Mgr. Jana Krešlová – molecular and cell biology, genetics and virology
defended a doctoral thesis on the theme: „*Transcription factors and their role in animal development and evolution*“
Date of the viva voce: 26 March 2004

Mgr. Karla Kretschmannová – neurosciences
defended a doctoral thesis on the theme: „*GABAergic synaptic transmission of neurons of the suprachiasmatic nucleus in cross-section specimens of rat brain*“
Date of the viva voce: 11 March 2004

RNDr. Petr Matoušek – biochemistry and pathobiochemistry
defended a doctoral thesis on the theme: „*Hormone-induced changes in composition of membrane domains*“
Date of the viva voce: 14 September 2004

MUDr. Romana Mikyšková – biology and pathology of the cell
defended a doctoral thesis on the theme: „*Treatment of mouse tumours induced by HPV16 virus E6/E7 onkogenes by means of vaccines with inserted genes for cytokines and vaccines derived from dendritic cells*“
Date of the viva voce: 8 January 2004

MUDr. Pavla Mičková – immunology
defended a doctoral thesis on the theme: „*Mucosal immunisation with bacterial adjuvans*“
Date of the viva voce: 26 April 2004

MUDr. Eliška Potluková – physiology and pathophysiology of the human
defended a doctoral thesis on the theme: „*The binding of HIV to erythrocytes is complement dependent*“
Date of the viva voce: 11 November 2004

PhDr. Kamila Řasová – neurosciences
defended a doctoral thesis on the theme: „*Scope of use of physiotherapy in treatment of cerebrospinal disseminate sclerosis*“
Date of the viva voce: 21 October 2004

MUDr. Klára Semerádová – neurosciences
defended a doctoral thesis on the theme: „*ECG mapping in panic disorders*“
Date of the viva voce: 11 March 2004

PhDr. Šárka Slabá – psychology
defended a doctoral thesis on the theme: „*Change of quality of life following the overweight reduction through cognitive behavioral therapy*“
Date of the viva voce: 13 July 2004

MUDr. Josef Šilha – physiology and pathophysiology of the human
defended a doctoral thesis on the theme: „*Phenotypic manifestation of insulin-like growth factor binding protein-3 overexpression in transgenic mice*“
Date of the viva voce: 19 May 2004

MUDr. Branislav Štrauch – physiology and pathophysiology of the human
defended a doctoral thesis on the theme: „*Pathophysiology of endocrine-dependent forms of hypertension*“
Date of the viva voce: 22 September 2004

MUDr. Olga Švestková – physiology and pathophysiology of the human
defended a doctoral thesis on the theme: „*Possibilities of assesment of functional abilities, activities and participations*“
Date of the viva voce: 26 April 2004

MUDr. Rudolf Uher – neurosciences
defended a doctoral thesis on the theme: „*Neurobiology of Eating Disorders, Application of Functional Neuroimaging*“
Date of the viva voce: 11 March 2004

MUDr. Jana Vrbíková – physiology and pathophysiology of the human
defended a doctoral thesis on the theme: „*Syndrome of polycystic ovaries – endocrine and metabolic relations*”
Date of the viva voce: 11 November 2004

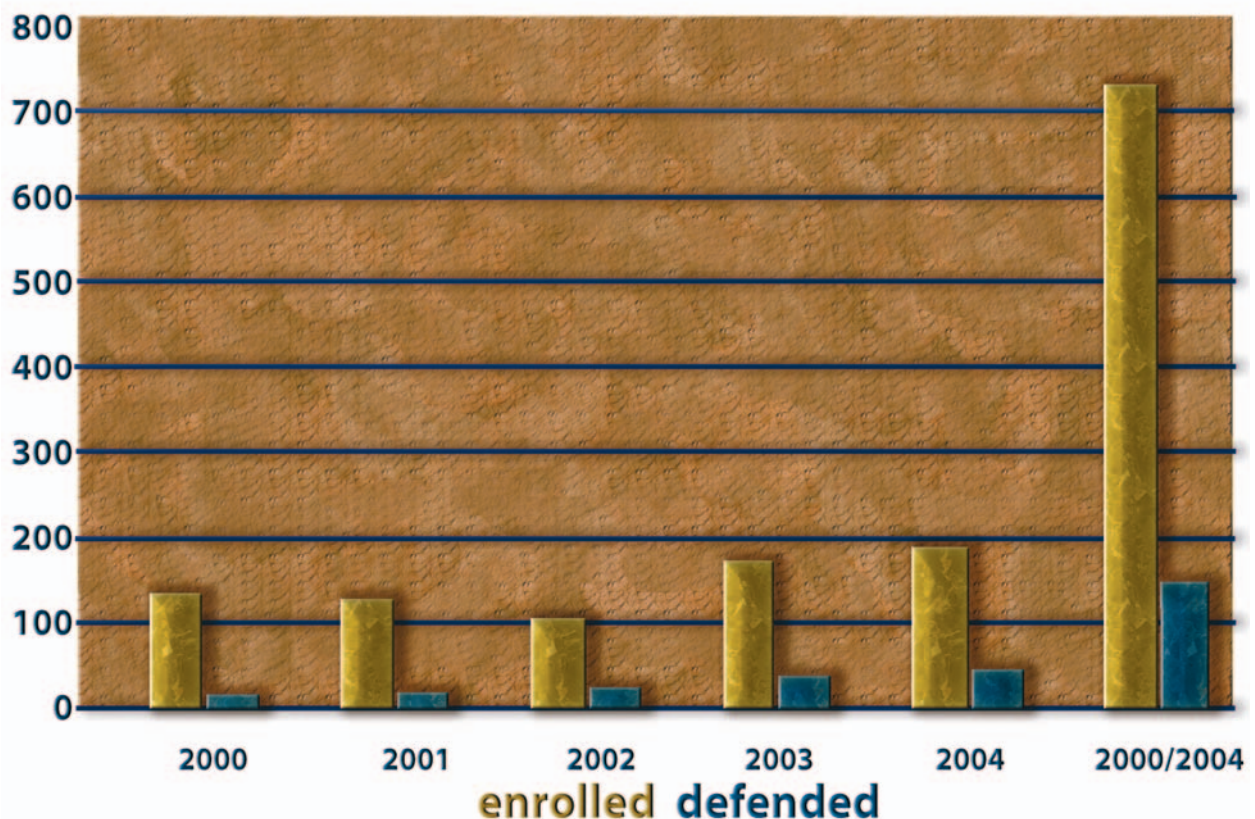
MUDr. Markéta Weichetová – physiology and pathophysiology of the human
defended a doctoral thesis on the theme: „*Type I collagen as a product of osteoblasts*”
Date of the viva voce: 20 October 2004

Ing. Petra Zavadáková – molecular and cell biology, genetics and virology
defended a doctoral thesis on the theme: „*Homocystinurias due to methylcobalamin deficiency*”
Date of the viva voce: 18 November 2004

MUDr. Michal Zikán – experimental surgery
defended a doctoral thesis on the theme: „*Alterations of BRCA1 a BRCA2 genes in hereditary and sporadic ovarian carcinoma*”
Date of the viva voce: 4 November 2004

NUMBER OF STUDENTS ENROLLED AND THESES DEFENDED IN DOCTORAL PROGRAMMES IN PAST 5 YEARS (2000-2004)

year	2000	2001	2002	2003	2004	2000-2004
enrolled	135	128	110	176	190	739
defended	17	21	26	41	48	153



LIST OF PROFESSORS AND ASSOCIATE PROFESSORS APPOINTED IN 2004

Prof. MUDr. Jan Bartoníček, DrSc.
Department of Orthopaedics and Traumatology, Third Faculty of Medicine, Prague

Prof. MUDr. Karel Šonka, DrSc.
Department of Neurology, First Faculty of Medicine, Prague

Prof. MUDr. Tomáš Hanuš, DrSc.
Department of Urology, First Faculty of Medicine, Prague

Prof. MUDr. Jan Borovanský, CSc.
Institute of Biochemistry and Experimental Oncology, First Faculty of Medicine, Prague

Prof. MUDr. Jana Dušková, DrSc.
Institute of Dental Research, First Faculty of Medicine, Prague

Prof. MUDr. Taťjana Dostálová, DrSc., MBA
Department of Stomatology, First Faculty of Medicine, Prague

Prof. MUDr. Zdeněk Seidl, CSc.
Department of Radiodiagnostics, First Faculty of Medicine, Prague

Prof. MUDr. Petr Niederle, DrSc.
Hospital Na Homolce, Prague

Prof. PhDr. Milada Říhová, CSc.
Institute for History of Medicine and Foreign Languages, First Faculty of Medicine, Prague

Prof. MUDr. Jiří Štork, CSc.
Department of Dermatology, First Faculty of Medicine,
Prague

Prof. MUDr. Aleš Linhart, CSc.
2nd Department of Medicine, First Faculty of Medicine,
Prague

Prof. MUDr. Jana Hercogová, CSc.
Department of Dermatovenereology, Second Faculty of
Medicine, Prague

Prof. MUDr. Andrej Jenča, CSc.
Department of Stomatology, Medical Faculty, Košice

Prof. MUDr. Jaromír Hradec, CSc.
3rd Department of Medicine, First Faculty of Medicine,
Prague

Prof. MUDr. Jiří Widimský, CSc.
3rd Department of Medicine, First Faculty of Medicine,
Prague

Prof. MUDr. František Perlík, DrSc.
Institute of Pharmacology, First Faculty of Medicine,
Prague

Doc. MUDr. Michal Kršek, CSc.
3rd Department of Medicine, First Faculty of Medicine,
Prague

Doc. MUDr. Mojmír Kasalický, CSc.
1st Department of Surgery, First Faculty of Medicine,
Prague

Doc. MUDr. Stanislav Popelka, CSc.
Department of Orthopaedics, First Faculty of Medicine,
Prague

Doc. MUDr. Tomáš Sosna, CSc.
Department of Ophthalmology of Thomayer Teaching
Hospital and Institute of Clinical and Experimental Medi-
cine, Prague

Doc. MUDr. Jitka Abrahámová, CSc.
Department of Oncology, Thomayer Teaching Hospital,
Prague

Doc. MUDr. Renata Cífková, CSc.
Establishment for Preventive Cardiology, Institute of
Clinical and Experimental Medicine, Prague

Doc. MUDr. Ivo Paclt, CSc.
Department of Psychiatry, First Faculty of Medicine,
Prague

Doc. MUDr. Petr Cetkovský, CSc.
Institute of Haematology and Blood Transfusion, Pra-
gue

Doc. MUDr. Martin Haluzík, CSc.
3rd Department of Medicine, First Faculty of Medicine,
Prague

Doc. MUDr. Marek Trněný, CSc.
1st Department of Medicine, First Faculty of Medicine,
Prague

Doc. RNDr. Pavla Poučková, CSc.
Institute of Biophysics and Informatics, First Faculty of
Medicine, Prague

Doc. MUDr. Ivana Štětkářová, CSc.
Department of Neurology, Hospital Na Homolce, Pra-
gue

APPOINTMENT OF PROFESSORS AND ASSOCIATE PROFESSORS IN 2004

In 2004 the president of the Czech Republic appointed
16 professors (average age 52.4 years).

By the Rector of Charles University, 12 associate pro-
fessors were appointed (average age 47.3 years).

APPOINTMENT PROCEDURES PASSED IN THE SCIENTIFIC BOARD
OF THE FIRST FACULTY OF MEDICINE (1995–2004)

Associate Professors										
1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
8	11	14	12	3	10	15	16	16	16	
Professors										
1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
5	7	1	5	0	7	7	7	13	11	

BIBLIOGRAPHY

In this Annual Report we give a survey of the data col-
lected and the statistics of particular types of docu-
ments, published in 2003.

At the First Faculty of Medicine, 345 original articles
and reviews were published in periodicals with an im-
pact factor in 2003. In these publications, 449 Faculty
staff members participated as authors or co-authors,
and the total of the impact factors of those journals is
as high as 902.6.

This figure includes:

- 1 original article in a journal with an impact factor
of 34.833 (New England Journal of Medicine)
- 9 original articles and reviews in journals with im-
pact factors between 19.612 and 10.272 (Trends in
Cell Biology, Journal of Clinical Investigation, Circula-
tion, American Journal of Human Genetics, Proceed-
ings of the National Academy of Sciences of the USA)

New England Journal of Medicine

Jayne, David - Rasmussen, Niels - Andrassy, Konrad -
Bacon, Paul - Tervaert, Cohen - Dadoniéne, Jolanta -
Ekstrand, Agneta - Gaskin, Gill - Gregorini, Gina - Te-
sař, Vladimír et al.:

**A randomized trial of maintenance therapy for
vasculitis associated with antineutrophil cyto-
plasmic autoantibodies.**

In: New England Journal of Medicine, USA, 0028-4793.
2003, 349, 1, pp. 36-44. nephrology - IF = 34.833
(2003)

Trends in Cell Biology

Raška, Ivan:

**Oldies but goldies: searching for Christmas trees
within the nucleolar architecture.**

In: Trends in Cell Biology, Great Britain, 0962-8924. 2003,
13, 10, pp. 517-525. cell biology - IF = 19.612 (2003)

Journal of Clinical Investigation

Matsusue, Kimihiko - Haluzík, Martin - Lambert, Gilles - Yim, Sun-Hee - Gavrilova, Oksana - Ward, Jerrold M. - Brewer, Bryan jr. - Reitman, Marc L. - Gonzalez, Frank J.:

Liver-specific disruption of PPAR gamma in leptin-deficient mice improves fatty liver but aggravates diabetic phenotypes.

In: Journal of Clinical Investigation, USA, 0021-9738. 2003, 111, 5, pp. 737-747.

endocrinology – diabetology - IF = 14.307 (2003)

Circulation

Malík, Jan - Štulc, Tomáš - Češka, Richard:

Unraveling Reaven's syndrome X: serum insulin-like growth factor-I and cardiovascular disease.

In: Circulation, USA, 0009-7322. 2003, 107, pp. 190-192.

cardiology - IF = 11.164 (2003)

Archives of General psychiatry

Meltzer, Herbert Y. - Alphas, L. - Green, Alan I. - Altamura, Carlo A. - Anand, Ravi - Bertoldi, A. - Bourgeois, M. - Chouinard, Guy - Paclt, Ivo - Vyhnanáková, Zdena et al.:

Clozapine Treatment for Suicidality in Schizophrenia. International Suicide Prevention Trial (InterSept).

In: Archives of General Psychiatry, USA, 0003-990X. 2003, 60, 1, pp. 82-89.

psychiatry - IF = 10.519 (2003)

Proceedings of the National Academy of Sciences of the USA

Kostrouchová, Marta - Kostrouch, Zdeněk - Saudek, Vladimír - Piatigorsky, Joram - Rall, Joseph Edward:

BIR-1, a Caenorhabditis elegans homologue of Survivin, regulates transcription and development.

In: Proceedings of the National Academy of Sciences of the USA, USA, 0027-8424. 2003, 100, 9, pp. 5240-5245.

genetics - model organisms - IF = 10.272 (2003)

Yamashita, Tadashi - Hashiramoto, Akira - Haluzík, Martin - Mizukami, Hiroki - Beck, Shoshannah - Norton, Aaron - Kono, Mari - Tsuji, Shuichi - Daniotti, Jose Luis - Werth, Norbert et al.:

Enhanced insulin sensitivity in mice lacking ganglioside GM3.

In: Proceedings of the National Academy of Sciences of the USA, USA, 0027-8424. 2003, 100, 6, pp. 3445-3449.

endocrinology - IF = 10.272 (2003)

Diabetes

Haluzík, Martin - Yakar, Shoshana - Gavrilova, Oksana - Setser, Jennifer - Boisclair, Yves - LeRoith, D.:

Insulin resistance in the liver-specific IGF- gene-deleted mouse is abrogated by deletion of the

acid-labile subunit of the IGF-binding protein-3 complex: relative roles of growth hormone and IGF-1 in insulin resistance.

In: Diabetes, USA, 0012-1797. 2003, 52, 10, pp. 2483-2489.

endocrinology – diabetology - IF = 8.298 (2003)

Kim, Hyunsook - Haluzík, Martin - Asghar, Zeenat - Yau, Daphne - Joseph, J. W. - Fernandez, A. M. - Reitman, M. L. - Yakar, Shoshana - Stannard, Bethel - Heron-Milhavet, L. et al.:

Perixome proliferator - activated receptor-alfa agonist treatment in a transgenic model of type 2 diabetes reverses the lipotoxic state and improves glucose homeostasis.

In: Diabetes, USA, 0012-1797. 2003, 52, 7, pp. 1770-1778.

endocrinology - IF = 8.298 (2003)

Kim, Jason K. - Filmore, Jonathan J. - Gavrilova, Oksana - Chao, Lily - Higashimori, Takamasa - Choi, Hyejeong - Kim, Hyo-Jeong - Yu, Chunli - Chen, Yan - Haluzík, Martin et al.:

Differential effects of rosiglitazone on skeletal muscle and liver insulin resistance in A ZIP/F-1 fatless mice.

In: Diabetes, USA, 0012-1797. 2003, 52, 6, pp. 1311-1318.

endocrinology – diabetology - IF = 8.298 (2003)

Arthritis & Rheumatism

Jordan, J. M. - Luta, G. - Stabler, T. - Renner, J. B. - Dragomir, A. D. - Vilím, Vladimír - Hochberg, M. C. - Helminck, C. G. - Kraus, V. B.:

Ethnic and sex differences in serum levels of cartilage oligomeric matrilin. The Johnston County Osteoarthritis Project.

In: Arthritis & Rheumatism, USA, 0004-3591. 2003, 48, 3, pp. 675-681.

rheumatology - IF = 7.190 (2003)

Kuenzler, P. - Kuchen, S. - Řihošková, Veronika - Michel, B. A. - Gay, R. E. - Neidhart, M. - Gay, S.:

Induction of p16 at sites of cartilage invasion in the SCID mouse coimplantation model of rheumatoid arthritis.

In: Arthritis & Rheumatism, USA, 0004-3591 . 2003, 48, 7, pp. 2069-2073.

rheumatology - IF = 7.190 (2003)

Rider, L. - Giannini, E. - Brunner, H. - Ruperto, N. - Reed, A. - James-Newton, L. - Sanghvi, T. - Cronin, M. - Garcia-de la Torre, I. - Vencovský, Jiří - Isenberg, D. - Kagen, L. - Levine, T. - Lundberg, I. - Oddis, C. - Rutkove, S. - Sivakumar, K. - Song, Y. - Targoff, I. - Wortmann, R. - Ytterberg, S. - Lachenbruch, P. - Miller, F.:

Preliminary definitions of improvement for adult myositis.

In: Arthritis & Rheumatism, USA, 0004-3591 . 2003, 48, Suppl., s. 720-720.

rheumatology - IF = 7.190 (2003)

BIBLIOGRAPHY, RESPONSE IN QUOTATIONS AND IF 2000–2003

Type of document	POINTS	2000	2001	2002	2003
primary specialist/scientific publications in journals with IF	7	228	268	297	324
primary specialist/scientific publications in journals without IF	2	623	712	657	597
synoptic articles / reviews in journals with IF	10	62	15	7	21
synoptic articles / reviews in journals without IF	2	374	235	266	311
translations of articles in scientific/professional journals, or of chapters in monographs to/from Czech language	2.5 / 5	9	39	26	55
case studies	1	42	31	39	44
primary articles in newspapers or popularizing scientific journals	0.2	102	85	60	101
other types of articles in scientific/professional journals	0.2	176	98	81	121
conference abstracts in scientific/professional journals with IF	2	151	271	319	298
biographic articles (anniversaries, obituaries) of article in scientific/professional journals	0.2	2	12	17	24
reports of conferences and professional association sessions in scientific/professional journals	0.2	22	26	29	26
letters to the editors in scientific/professional journals with IF	4	0	2	3	11
letters to the editors in scientific/professional journals without IF	0.5	11	5	6	9
publications in proceedings/collections, entries in Pharmindex, Repetitorium, Doporučené postupy in Czech / Slovak language	1	117	83	123	1127
publications in proceedings/collections in other than Czech / Slovak language	2	80	60	68	71
chapters in monographs in Czech / Slovak language *)	5	177	206	213	184
chapters in monographs in other than Czech / Slovak language *)	10	22	28	24	21
monographs in Czech / Slovak language *)	5	60	64	55	61
monographs+A1 in other than Czech / Slovak language *)	10	3	0	1	0
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech / Slovak language *)	5	63	52	114	45
textbooks, encyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech / Slovak language *)	10	3	1	0	4
patents and inventions	10	1	1	5	4
doctorate and professor degree dissertations and theses, MBA theses	2	3	18	11	23
scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document	2	5	24	89	41
any other abstracts, miscellaneous (all except for conference abstracts in scientific/professional journals with IF)		332	932	1,162	1,099
Total number of publications		2,668	3,268	3,672	4,622
Number of authors from the Faculty		845	969	1,028	822
Total IF of publications in the category primary/synoptic article with IF		504.6	769.6	704.3	902.6
Number of authors from the Faculty, publishing in journals with IF		283	356	403	449
Number of quotations in SCI		3,802	4,720	5,852	7,150
Number of authors from the Faculty, quoted in SCI		337	411	498	420



BIBLIOGRAPHY, IF POINTS AND RESPONSE IN QUOTATIONS – 2003 TOP 40

Institution	Bibliography points	IF points	SCI points	TOTAL
3rd Medical Department	2,516.50	2,527.407	1,209	6,252.907
Department of Nephrology	1,168.40	1,263.309	148	2,579.709
2nd Medical Department	809.40	814.962	498	2,122.362
Dept. of Paediatrics & Adolescent Medicine	444.60	744.588	631	1,820.188
Institute of Biology and Medical Genetics	496.60	578.856	630	1,705.456
Department of Neurology	735.60	443.910	507	1,686.510
4th Medical Department	1,012.90	520.209	63	1,596.009
1st Medical Department	915.00	357.438	136	1,408.438
Department of Rheumatology	510.20	574.497	274	1,358.697
Institute of Pathological Physiology	694.20	514.143	146	1,354.343
Department of Stomatology	1,204.40	94.869	32	1,331.269
Department of Psychiatry	829.10	250.938	155	1,235.038
Institute of Inherited Metabolic Disorders	243.00	420.504	530	1,193.504
Institute of Immunology and Microbiology	433.60	418.818	285	1,137.418
Inst. of Clinical Chemistry & Lab. Medicine	421.90	526.806	176	1,124.606
Department of Occupational Medicine	567.40	174.885	183	925.285
Institute of Physiology	654.20	138.204	122	914.404
Department of Gynaecology and Obstetrics	490.90	160.155	132	782.955
1st Department of TB & Respiratory Diseases	714.20	12.213	44	770.413
Department of Ophthalmology	673.60	15.867	44	733.467
Institute of Medical Biochemistry	286.20	303.483	138	727.683
Institute of Anatomy	283.20	230.850	142	656.050
Department of Neurosurgery	532.00	99.396	13	644.396
Institute of Pharmacology	332.20	186.135	94	612.335
Department of Dermatology	523.90	21.831	23	568.731
Department of Urology	413.90	109.338	18	541.138
Department of Onkology	301.40	153.591	36	490.991
Department of Rehabilitation Medicine	426.00	13.440	1	440.440
Dept. of ENT & Head/Neck Surgery	327.00	46.530	49	422.530
3rd Surgical Department	259.90	122.286	40	422.086
Institute of Biophysics	250.60	95.502	71	417.102
Institute of Hygiene and Epidemiology	214.20	158.454	43	415.654
3rd Dept. of Infectious Tropical Diseases	190.00	94.290	104	388.290
Department of Radiodiagnos	269.60	75.777	8	353.377
Institute for Histology and Embryology	127.60	116.223	91	334.823
Institute of Cellular Biology and Pathology	38.20	115.641	175	328.841
1st Surgical Department	225.20	65.691	36	326.891
Inst. of Biochemistry & Experim. Oncology	170.00	60.891	76	306.891
2nd Surgical Department	243.90	32.160	2	277.960
Department of Orthopaedics (at Motol Hosp.)	193.20	8.142	24	225.342

INTERNATIONAL RELATIONS AND CO-OPERATION

When evaluating the past year, it is good to keep in mind that 2004 was just one of several successive years that saw the dramatic development in international relations of the First Faculty of Medicine of Charles University.

Like in the past period, the Faculty management put a stress on the support of student exchange, making use of the current European programmes. Beyond that, thanks to the conscious hard effort of the Dean and the Board members we managed to organize some new programmes of bilateral co-operation between the First Faculty of Medicine and particular foreign faculties which stand in partnership; under the agreements that were achieved, first joint projects have been launched, which should promote the quality of scientific research and professional training. We mean above all the co-operation with the Technical University in Dresden (Germany), which may – as a consequence – also contribute to the multi-resource financing of the Faculty.

In the last year, the number of incoming students from all over Europe under the Erasmus/Socrates programme increased considerably once again. We are happy to notice that – thanks to the teachers and superiors of all the Faculty institutes – we managed not only to take all the applicants but also to provide them with tuition at the appropriate level. Undisputedly, also our students and particularly the staff of the Department for Student Affairs and International Relations of the Dean's Office, led by Ing. Eva Soubustová, the Faculty Bursar, take credits for the professional and social programme of our guests.

So far, however, the teachers and other staff of the Faculty have had the greatest share in the international mobility of members of the academic community. The Faculty management keeps taking an economic attitude towards these journeys and stays. Even though we are fully aware of the importance of international co-operation for science and education, these contacts – nearly without an exception – are made at the expense of grants or research projects as well as under the agreements between universities and with the support of host institutions. In return, our institutes and the Faculty shared the costs of accommodation for foreign co-operators.

In 2004, the total number of the Faculty staff to be sent abroad was 475 (compared to 321 in 2003, 372 in 2002, 343 in 2001, and 204 in 2000). The total number includes 433 participations (mostly active) in professional congresses and conferences, and some stays to complete scientific tasks. Within the schemes of direct co-operation, one researcher was sent out while four visited the Faculty under the same programme.

The First Faculty of Medicine also received five foreign partners under the scheme of co-operation on the KONTAKT project by the Ministry of Education, Youth and Physical Culture, four visiting professors for cycles of lectures, and two guests within the Erasmus/Socrates programme. Apart from these statutory visitors, 39 other guests were received at the Faculty.

The projects by the Ministry of Education, Youth and Sports were also a source of purpose-bound scholarships to support international mobility of university students. For 2004, five of our students were granted purpose-bound one-semester bursaries, based on the Ministry transformation and development programmes.

The greatest development in the past six years was achieved in the students' mobility. The recent Faculty management succeeded to one bilateral agreement within the Erasmus/Socrates programme, which had enabled stays abroad for two students of the Faculty. In the last two terms in office, we managed to sign quite a number of new agreements, thanks to co-ordinated negotiations of the members of the management, the programme co-ordinator and the staff of the Dean's Office with the co-ordinators of the Erasmus/Socrates programme at other European universities. To give an idea, let us put forward the increasing numbers of agreements as well as of outgoing students in comparison to the years before:

- for the academic year of 2002-2003, 25 bilateral agreements were in effect and 63 students were sent out;
- for the academic year of 2003-2004, 29 bilateral agreements were in effect and 76 students were sent out;
- for the academic year of 2004-2005, 38 bilateral agreements were in effect, concerning 90 students, while the total number of outgoing students was 101.

For the academic year of 2005-2006, there were 54 valid agreements, signed and handed over to the Department of International Relations at the Rector's Office of Charles University in Prague, **concerning 129 students.**

There was also an increase in the number of **incoming** students at the First Faculty of Medicine within the Erasmus/Socrates programme.

Another important programme to enable student exchange is the LEONARDO DA VINCI programme. On the basis of a bilateral agreement, signed within this programme by the Dean with the University of Oslo we regularly send out a group of students for studies in a Master degree programme. In the last year, these were five carefully selected colleagues to study in the complex one-semester programme in gynaecology, obstetrics and paediatrics. The semester is completed with demanding state examinations in these subjects, and results that take the first places among foreign students in Norway are a proof of quality of our students. As part of this co-operation we, in return, receive Nor-

wegian students, as required by the partner side, under the same conditions.

In the academic year of 2003-2004, 39 incoming students, 30 of them for clinical and 9 for research placements, were received at the institutes of the Faculty for one-month stays with a financial support from the Faculty and within the programme excellently organized by students themselves and their international organization IFSMA. As many as 37 students were sent out abroad, 28 of them taking part in clinical placements and 9 in research placements. The IFSMA scholarship recipients were sent out to 20 countries in Europe and beyond.

Another source of support for our students at their stays abroad is the CEEPUS project. Under this scheme, five of our students were able to study abroad. Therefore, the total number of students who took part in various other forms of scholarships (apart from Erasmus/Socrates and IFMSA) was 34.

Thanks to co-operation now established with the Lions Club Wien (Vienna), which organizes and finances students' clinical placements in Austrian hospitals, eight Czech students were given the chance to get their summer clinical training in Austria. Beyond that, they could take part in the congress of the European Forum in Alpbach at the hosts' expenses.

Two of our students were selected for scholarships on the basis of inter-university agreements – one went for a long-term stay in Zürich, and the other for a language course at the University of Heidelberg.

Also from the University funds, additional money was secured for seven undergraduate and three post-graduate students, who received subsidies to cover the rest of costs of their one-semester study or research stays at foreign universities.

The Faculty welcomed a number of outstanding academic officers from other universities. Our aim was always the due representation of the Faculty, with a possibility of taking up particular co-operation in those fields that both parties would be interested in.

One of our assets is the organization of scholarships and stays by the staff of the Dean's Office, particularly so by Mrs Jitka Buczková, the principal of the Department of International Relations. For all the guests (but also for our students) our team organizes – precisely and reliably – the stay including the reception, accommodation and board as well as the final credits and examinations to the request by their home universities.

The projects which are officially confirmed and run under European and bilateral programmes include, in particular, the following:

Institute of Anatomy

- University of Hamburg, Germany, Prof. Halata, development of mechanoreceptors
- University of Freiburg, Germany, Prof. Christ, development of vascular bed
- Medical College Wisconsin, Prof. Sieber-Blum, study of cells of the neural crest
- Catholic University of Nijmegen, Netherlands, Prof. TenDonkelaar, neurotransmitters of CNS
- University of Munich, Prof. Gabius, study of endogenous lectins

- La Jolla Institute, Department of Allergy and Immunology, Prof. Liu, study of expression of galectin-3 and -7
- Schering-Plough Immunologic Laboratory, Dardilly, Dr. Saeland, study of langerin
- Kyushu University, Faculty of Medicine, Institute of Anatomy and Cell Biology, Dr. Wasano, study of reactivity of galectin-4

Institute of Pharmacology

- Trondheim, Norway, Prof. J. Idlem, pharmacogenetics and teaching materials for foreign students of pharmacology
- Center for Cancer Research, National Institute of Health, Laboratory of Metabolism, USA, Dr. Frank Gonzales
- Institut für Pathologie, Med. Fakultät in Köln, Germany, 6-month fellowship Erasmus/Socrates

Institute of Physiology

- Department of Physiology, School of Medicine, University of Minnesota
- Technische Universität Dresden, Institut für Biomedizinische Technik und Informatik, simulation of electrical activity of the myocard
- Humboldt-Universität, Berlin, Institut für Physiologie der Charité, Abteilung Neurophysiologie, Berlin, Germany, Prof. Dr. Uwe Heinemann
- Humboldt-Universität, Berlin, Labor für molekulare Biologie, Prof. Dr. Gross
- University of Kuopio, Institute of Neurology, Professor Sivenius, Finland
- University of California, School of Medicine, Department of Neurological Surgery, Davis, USA, Prof. P. A. Schwartzkroin
- Medical School Pécs, Central Electron Microscopic Laboratory and Department of Physiology, Pécs, Hungary, Prof. László Seress

Institute of Biophysics and Informatics

- Interdisziplinäres Laboratorium für Tumor - und Virusforschung, Institut für medizinische Virologie, Klinikum der J. W. Goethe-Universität, Germany
- Dept. of Neurological and Vision Sciences, Section of Biological Chemistry, Medical Faculty, the University of Verona, Italy
- All-Russian Oncologic Scientific Centre of the Academy of Medical Sciences, Moscow
- Kirov Military Medical Academy, Sankt-Petersburg, Russia

Institute of Biology and Medical Genetics

- Research Centre CHUM, Université de Montréal, Canada
- Max Delbrück Zenter für Molekulare Medizin, Berlin
- Karolinska Institut, the University of Stockholm, Sweden
- Division of Molecular Paediatrics, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland; Prof. Dr. med. Andrea Superti-Furga
- The New Children's Hospital, Royal Alexandra Hospital for Children, Sydney, Australia, Prof. Dr. K. Kozlowski

Institute of Cell Biology and Pathology

- German Cancer Research Centre, Heidelberg, Prof. Ingrid Grummt, Germany

- Department of Biological Sciences, State University of New York, Prof. Ronald Berezney
- National Cancer Institute, NIH, Bethesda, Dr. Tomem Mistelim
- University of Regensburg, Germany, Prof. Widmar-em Tannerem
- CSIC Institute in Madrid, Spain
- Institute of Experimental Endocrinology, Slovak Academy of Sciences, Bratislava, Slovakia, Dr. Robert Farkaš
- CNRS, Grenoble, France, Dr. Jan Bednár
- MPI, Dresden, Germany, Dr. David Staněk

Institute for History of Medicine and Foreign Languages

- Istituto Storico Ceco di Roma, Rome, Italy

Institute of Medical Biochemistry

- University of Perugia, training in biochemistry, Job Creation Oriented Biotechnology, Italy
- Zentrum für innere Medizin – Nephrologie, Medizinische Hochschule Hannover, Germany

Institute of Biochemistry and Experimental Oncology

- Department of Biology, California State University, Los Angeles, USA, Prof. Dr. Roger R. Bowers, study into melanosomes and their degradation
- grant EU RA51 T00/Ref. No 41362 from the chapter European Commission's Transnational Approach to Major Research Infrastructures - Enhancing Access to Research Ultrastructures – Human Potential Programme
- Laboratory of Protein Dynamics and Signaling, Center for Cancer Research, National Cancer Institute, Frederick, USA, mutation analysis of the CEBP-delta gene
- Unit of Genetic Epidemiology; International Agency for Research on Cancer, Lyon, France, Dr. Csilla I. Szabo, mutation analysis if the BRCA1 and BRCA2 genes

Institute of Pathological Physiology

- Universität Wien, Austria
- Hospital Salzburg, Austria

Institute of Histology and Embryology

- chairmanship of the organizing committee of the annual congress of AMSE and the European Conference on Harmonization of Post-graduate Studies in Medicine

Institute of Humanitarian Studies in Medicine

- Institute of Medical Psychology, Medical Faculty of the University of Regensburg, Prof. Dr. G. W. Speierer
- J. W. Goethe University, Köln, Germany, Prof. Dr. Dipl. Psych. Volker Tschuschek

Institute of Social Medicine and Public Health

- Institut für empirische Gesundheitsökonomie – Burscheid, Germany
- Deutsche Gesellschaft für Sozialpädiatrie, Germany

Institute of Nursing Theory and Practice

- Dutch School of Public Health Care (NSPH), RINO Institute, Netherlands

- Oslo College University, Norway, Kari Helen Kavlie
- Hogeschool Brussels, Belgium, Johann DeSterke
- University of Wolverhampton, Great Britain, David Hanson

Institute of General Medicine

- EURACT – European network of teachers in general/family practices
- Utrecht, Nijmegen, Netherlands
- London, Durham, Newcastle, Edinburgh, Great Britain
- Dublin, Ireland
- Herakleion, Greece
- Heidelberg, Kiel, Germany
- Stockholm, Sweden

Department of Dermatology

- University of Gent, Dr. R. Make, Belgium
- Dublin, Ireland
- Herakleion, Greece
- Heidelberg, Kiel, Germany
- Stockholm, Sweden

Department of Geriatrics

- Department of Sociological Studies, University of Sheffield, Great Britain, Prof. Alan Walker
- Medicine Section UEMS (Geriatric Section of Physicians Specialists of the European Union) Board Member, prof. Topinková

Department of Gynaecology and Obstetrics at General Teaching Hospital

- Universitäts Frauenklinik Bern, prof. Schneider; Universitäts Frauenklinik Zürich (neonatology), Universitäts Frauenklinik Basel (prenatal diagnostics), prof. Holzgreve; Switzerland
- J. W. Goethe-Universität, Frankfurt am Main (prof. Kaufmann, senology); 1. Universitäts Frauenklinik Munich (oncosurgery); Universitäts Frauenklinik Kiel (endoscopy); Universitäts Frauenklinik Schwerin (urogynaecology), Germany
- Universitäts Frauenklinik Wien (oncogynaecology, senology, oncosurgery), Universitäts Frauenklinik Graz (oncogynaecology), Austria
- University of Antwerp, Antwerp University Hospital – Belgium
- Hôpital Cochin Paris (assisted reproduction); Hôpital Necker Paris; Hôpital Tenon Paris; Hôpital La Muette, Paris; Hôpital Sèvres (assisted reproduction, micromanipulation); Faculté de Médecine et Pharmacie L'Université de Lyon (oncogynaecology, oncosurgery); Hôpital de la Croix-Rousse, L'Université Lyon (laparoscopy, ultrasonography) – France
- Centre Medical Amsterdam (oncogynaecology, oncosurgery) – Netherlands
- Prima Clinica, L'Mangioli Hospital, University of Milan (prenatal diagnostics) – Italy
- National Onkologic Institute, Bratislava; Department of Gynaecology and Obstetrics, Košice (perinatology); Department of Gynecology and Obstetrics, Martin (perinatology) – Slovakia
- University of Lund – Malmö, Sweden (ultrasonography, prenatal diagnostics); University of Göteborg (absetrical analgesis, perinatology) – Sweden
- University of Wisconsin; Baylor College of Medicine, Houston, USA (neonatology); King's College Hospital (prenatal diagnostics); University College Hospital London (oncosurgery); Royal Marsden Hospital

- London (oncosurgery); Charing Cross Hospital, London, Great Britain
- Georgetown University (neonatology – optimization of lung ventilation in neonates)
- St. Stephen Hospital, Budapest, Prof. MUDr. Laszlo Ungar, Hungary
- The National Maternity Hospital, Rotunde Hospital, Dublin, Ireland (perinatology)

Department of Gynaecology and Obstetrics at the Teaching Hospital Na Bulovce

- J. W. Goethe-Universität, Frankfurt am Main (Prof. Kaufmann, senology); Universität's Frauenklinik Kiel (endoscopy), Universität's Frauenklinik Schwerin (urogynaecology), Germany
- Universitäts Frauenklinik Wien (senologie); Landeskrankenhaus Bruck, Prof. Ralph (urogynaecology), Austria
- Hôpital Clermont-Ferrand, Prof. Bernard Jacquetin, (urogynaecology), France
- Clinica Urologica, Prof. Pesce, (urogynaecology), Rome, Italy
- J. P. Šafárik University, Department of Gynaecology and Obstetrics, Prof. Lukačín, (oncogynaecology), Košice, Slovakia
- University of Linköping, Prof. Hammet (tuition) – Sweden
- King's College Hospital, Prof. Cardozzo (urogynaecology), University of Newcastle, prof. Hilton, (urogynaecology), Great Britain
- Prof. Halaška, as one of the founding members of the European Urogynaecological Society, is active as its Central Secretary, further, he is a member of editorial boards of Neurourology and Urodynamics (Wiley-Liss) and International Urogynaecology Journal and Pelvic Floor Disorders (Springer)

1st Department of Surgery at the General Teaching Hospital

- Kongres IFSO, Barcelona
- Kongres HPBA, Washington
- 58. Kostlivého den, Bratislava

2nd Department of Surgery at the General Teaching Hospital

- Texas Heart Institute, Houston, USA
- Klinik für Herz, Thorax und Gefäßchirurgie, Johannes Gutenberg Universität Mainz, Germany
- Universitätsklinik Herzzentrum, Dresden, Germany
- Cardiosurgical Clinic, Zabrze, Poland

3rd Department of Surgery

- Universität Wien, programme of transplantation of lungs

1st Medical Department

- Stem Cell Institute, University of Minnesota, USA
- Universität Würzburg, Germany

2nd Medical Department

- Mayo Clinic in Rochester, USA
- Texas Heart Institute, Houston, Texas, USA

3rd Medical Department

- University of Manitoba, Winnipeg, Canada, Dr. J. Šilha and Prof. L. J. Murphy
- NICHD NIH Bethesda, USA, Doc. Pacák

- Department of Cardiac Sciences, St. George's Hospital Medical School, London, Great Britain, Prof. M. Malik (non-invasive electrophysiology)
- John's Hopkins Hospital, Baltimore, USA, Dr. V. Melenovsky (function of vessel wall)
- Utrecht University, Rotterdam, Netherlands, Dr. M. Boots (endotelial dysfunction)
- St. Paul's Hospital, University of British Columbia, Vancouver, Canada, Prof. Dr. J. Frohlich (pre-clinical atherosclerosis)
- University of Padua, Italy, Prof. G. P. Rossi
- Universität des Saarlandes, Saarbrücken, Germany, Prof. R. Bernhardt
- Ghent University Hospital, Department of Endocrinology, Prof. J. M. Kaufman (osteoporosis in males)
- University Department of Medicine, Strangeways Research Laboratory, Cambridge, Great Britain, Prof. J. Reeve, European Prospective Osteoporosis Study
- Karolinska Institutet, Stockholm, Sweden, Prof. S. Efendic (cytoadhesive molecules, molecular biology of vascular complications)

4th Medical Department

- Medical Faculty, University of Vienna, Austria (research into 6-thioguanin treatment)

Medical Department at Strahov

- Department of Renal Medicine, St. James's University Hospital, Leeds, Great Britain, E. Lindley, MD
- Department of Renal Medicine, Royal Prince Alfred Hospital, Misseden Road, Australia

Department of Anaesthesiology, Resuscitation and Intensive Care

- Department of Thoracic and Cardiac Surgery, Mainz, Germany
- Universitätsklinik für Anästhesie und Allgemeine Intensivmedizin, Vienna, Austria
- Texas Heart Institute Houston, USA

Department of Paediatrics and Adolescent Medicine

- Division of Pediatric Clinical Pharmacology, Children National Medical Center, Washington DC, USA – John N. van den Anker
- University Medical Center of Nijmegen, Netherlands – Prof. J. Smeiting
- Department of Paediatrics, University of Salzburg, Austria – Prof. W. Sperl
- Department of Biochemistry, University of Lyon, France – Dr C. Godinot
- University of Newcastle, Great Britain – Prof. Lightowers
- University of Texas, Houston and San Antonio, USA – Prof. Raman, Prof. Master
- University of Paris 7, France – Prof. Deybach
- University of Aachen, Germany – Prof. Frank
- PRINTO (Pediatric Rheumatology International Trial Organization) – Prof. Fantini

Department of Paediatrics at Thomayer Teaching Hospital

- Kinderklinik des Landeskrankenhauses in Salzburg, Austria, Prof. Wolfgang Sperl

Department of Occupational Medicine

- European Association of Poison Centres and Clinical Toxicologists
- Council of Fellows of the Collegium Ramazzini
- European Vinyl Chloride Medical Committee
- Hahnemann University School of Medicine, Philadelphia, USA

Department of Rehabilitation Medicine

- University in Köln, Germany, in the Erasmus/Socrates programme
- Allgemeines Krankenhaus Wien, Universitätskliniken, Austria
- Czech-German Society for Rehabilitation
- Czech-French Society PARTNERSTVÍ - PARTNERIAT, which enabled practical placements of our students in France and co-operation in the field of rehabilitation
- WHO for ICF (International Classification of Functioning, Disability and Health)
- ENOTHE (European Network of Occupational Therapy in Higher Education)
- Doc. MUDr Jiří Votava, CSc. was appointed a member of the editorial board of Journal of Rehabilitation Research and Development (Baltimore, USA)

1st Department of Tuberculosis and Respiratory Diseases

- Department of Pneumology, University of Freiburg, Germany, Prof. Dr. Joachim Müller-Quernheim, interstitial pulmonary processes

Department of Neurology

- Stanford University, Center for Sleep Disorders (Prof. Mignot, Assoc. Prof. S. Nishino) – research into narcolepsy and sleep disorders
- WHO – European Centre for Environment and Health (Bonn, Germany, Prof. Xavier Bonnefoy)
- University of Göttingen, Germany – Dr. C. Trenkwalder
- University of Graz, Austria – Dr. C. N. Homan
- University of Pamplona, Spain – Prof. C. Obeso
- Department of Neurology, Dresden, Germany – Prof. H. Reichman
- University of Turku, Finland – Prof. O. Polo
- University of Montpellier, France – Prof. M. Billiard
- P. J. Šafárik University, Košice, Slovakia – Prof. Tomori
- Indiana Center for MS and Neuroimmunopathological Disorders, Indianapolis, USA – Prof. Kolar
- Harvard University, Boston, USA – Prof. H. Weiner
- University of Texas, Dallas, USA – Prof. E. Frohman
- University of Oxford, Great Britain – Prof. P. M. Matthews
- The Cleveland Clinic Foundation, USA – Dr. Lael Stone
- Institute for Frontier Areas, Freiburg, Germany – J. Wakermann

Department of Ophthalmology at General Teaching Hospital

- Department of Ophthalmology, University of Aberdeen, Scotland, Great Britain
- Moorfields Eye Hospital and Institute of Ophthalmology, London, Great Britain
- Genetic Research Institute, Sanger Institute, Cambridge, Great Britain;

the cornea team and the Laboratory of the Department of Ophthalmology co-operate with these institutions in order to ascertain the gene of posterior polymorphous corneal dystrophy

- Clinic of Prof. Gisele Soubrane and Prof. Gabriel Coscas at Créteil, Paris, France – indocyanin angiography
- Universitätsklinik in Regensburg, Germany
- Pro Retina Deutschland, Germany – contact with Self-help Association of Persons Suffering from Degenerative Illness of the Retina

Department of Psychiatry at General Teaching Hospital

- Prof. Raboch is a member of the committee for the conferences of the World Psychiatric Society, fellow of Association of European Psychiatrists, member of editorial boards of Neuroendocrinology Letters, Archives of Psychiatry and Psychotherapy, Psychogeriatrics Polska, member of the organizing committee of the World Psychiatric Conference in Cairo 2005, member of the scientific committee of the AEP conference in Munich 2005, member of the scientific committee of the World Sexologic Conference in Prague 2006, member of the organizing and scientific committee of the World Social Psychiatry Conference in Prague 2007, member of the organizing committee of the World Psychiatric Conference in Prague 2008, Czech co-ordinator of the project of the 5th EUNOMIA and ISLANDS framework programme

Department of Radiodiagnostics at General Teaching Hospital Na Bulovce

- Institut für Experimentelle Onkologie und Therapie-forschung der Technischen Universität München, Germany (Prof. S. Haas, Dr. P. Bacher)
- Slovak Radiologic Society

Department of Sexology

- EU grant concerning the quality of life of the HIV-positive
- Eurocaso – association of non-government organisations in the field of HIV/AIDS in Europe

Department of Stomatology

- Clinical Department of Maxillofacial Surgery, Wrocław, Poland
- Clinical Department of Stomatology, Maxillofacial Surgery and Plastic Surgery, Limoges, France
- Tohoku University Tokyo, Japan
- Clinical Department of Stomatology and Maxillofacial Surgery, P. J. Šafárik University, Košice, Slovakia

Department of Urology

- International expert commission of WHO-ICS (International Consultation on Continence), Prof. MUDr. T. Hanuš, DrSc. was invited to co-operate in the Commission
- Expert group of the European Urologic Association for preparation of the Guidelines in urology, Prof. MUDr. T. Hanuš, DrSc. was chosen to the expert group
- Prof. MUDr. T. Hanuš, DrSc. was elected the Secretary Elect to the European Board of Urology

Institute of Inherited Metabolic Disorders

- University Washington, Analytical Chemistry Division, USA, Prof. F. Turecek - study and research of lysosomal disorders

- University of Rotterdam, Clinical Genetics, Netherlands, Dr. Otto P.van Diggelen, catalytic activity of mutant lysosomal sfinngomyelinase
- Department of Pediatrics, University of Colorado, Denver, USA, Prof. Jan P. Kraus
- Department of Clinical Chemistry, Basler Kinderspital, Switzerland, Prof. Brian Fowler
- Institute of Molecular and Cell Biology, University of Tartu, Estonia, Prof. Laannia
- Dept. Human Genetics, Columbia University, USA, Prof. Joseph Terwilliger
- Guy's Hospital, London, Purine Reserch Group, Anne Simmonds
- University Sao Paulo, Brazil, Prof. Thiemannem

Institute of Hygiene and Epidemiology

- successful participation in the 5th PCB framework programme, resulting in negotiations for incorporation in the 6th pmm CASCADE Network of Excellence (task group Risk Assesment). The directing institution of the project is Karolinska Institutet in Stockholm, Sweden (prof.Helen Hakansson)
- Advanced Forward Look, European Science Foundation (ESF) in Leipzig, Germany (24-27 June 2004) and in Athens (2-5 Nov 2004), Drinking Water Chlorination and Bladder Cancer
- Committee on Challenges to Modern Society (CCMS) NATO
- ENVIE (Coordination Action on Indoor Air Quality and Health Effects)
- ARCAGE – head tumours (larynx, pharynx, oesophagus) in relation to alcohol, in co-operation with our clinical departments at Motol (ENT and 3rd Department of Surgery)
- IARC/WHO Lyon, France, NCI – Bethesda, USA

Institute of Clinical Chemistry and Laboratory Medicine

- member IFCC Working Group on Distance Education – ECD & WG-DE
- co-operation in the SIGN working group (Stable Isotopes in Gastroenterology and Nutrition) and Laboratory of Stable Isotopes AZG Groningen, Netherlands
- European working group for tumour markers (EGTM)
- Universitäts Kinderklinik, Mathildenstrasse 1, Freiburg, Germany, Prof. Ch. Niemeyer
- Leukemia Research Fund Cytogenetics Group, prof. Harrison, University of Southampton, Great Britain
- John's Hopkins Hospital, Baltimore, USA, Prof. Jin-nah, pathogenesis of gout with excessive production of uric acid and HGPRT deficiency
- University School of Medicine, Tokyo, Japan, Prof. Ichida, renal hypouricaemia
- European Society for the Study of Purine and Pyrimidine Metabolism in Man (ESSPPMM)
- Guy's Hospital, University of London, Purine Research Laboratory, Great Britain
- Univerzita La Sapienza, Roma, Italy, Prof. Luigi Iuliano
- Prof. Zíma is a member of editorial boards of Blood Purification and Alcohol & Alcoholism

Institute of Immunology and Microbiology

- Laboratory of Cellular Hematology, Center for Biologics Evaluation and Research, Food and Drug Administration, Bethesda, Maryland, Dr. J. G. Vostal

- Experimental Hematology and Hematopoiesis Section, The Cleveland Clinic Tausig Cancer Center, Cleveland, Ohio, Dr. J. P. Maciejewski

Institute of Nuclear Medicine

- Zentrum für Biomedizinische Technik und Physik, Medizinische Universität Wien – the 3rd two-year joint research project KONTAKT 2004-23 (Czechia - Austria). The goal of the third stage is development and clinical validation of a computer programme for automated evaluation of dynamic scintigraphy of the kidney
- Department of Nuclear Medicine, St. Bartholomew's Hospital and School of Medicine, Queen Mary Westfield College, University of London prof.K.E.Britton, dr.C.C.Nimmon, dr.M.Carroll - dynamic scintigraphy of kidney

Institute of Pathology

- International Academy of Cytology – committee for certification of cytotechnologists for the International Cytologic Academy (IAC)
- International Board of Cytopathology (for the period of 2004-2007) of the International Academy of Cytology
- International Skeletal Society
- WHO – preparation of a new classification of tumours
- University of Perugia – clinical department of orthopaedics

Institute of Forensic Medicine and Toxicology

- University of Saarland, Department of Experimental and Clinical Toxicology, Hamburg, Germany
- Ass. Prof. Balíková was appointed a TIAFT representative

Institute of Dental Research

- School of Dentistry, University of Iowa, USA (Dr. Stephan Lewy)
- School of Dentistry, University of Liverpool, Great Britain (Dean Prof. C. M. Pine)
- National Research and Development Centre for Welfare and Health, European Council of Chief Dental Officers (Prof. Dr. Eeva Widström)
- Section of Dental Public Health and Health Psychology, University of Dundee, Great Britain (Dr. A. M. Adair)
- Department of Preventive Dentistry, Friedrich Schiller University of Jena, (Prof. Dr. W. Künzel, Prof. Dr. A. Borutta)
- Department of Medicine, Research Unit of Autoimmune Diseases, Chaim Sheba Medical Center, Tel-Hashomer, Israel (Prof. Yehuda Shoenfeld)
- Melisa Foundation, Brussels, Belgium (RNDr. Věra Stejskalová)
- Department of Microbiology, University of Alabama at Birmingham, Birmingham, USA (Dr. Huan H. Nguyen)
- Biologisches Labor, Universitätsklinikum Jena, Zentrum für Zahn-, Mund- und Kieferheilkunde (Prof. Dr.S. Kneist)
- Joint Microbiology Research Unit, Guy's Dental Institute, King's College, London, Great Britain (prof. Dr. David Beighton)
- Institute of Dentistry, Department of Oral Biology, University of Turku, Finland (Prof. S. Karjalainen)

Department of Otorhinolaryngology and Head & Neck Surgery at the Teaching Hospital Motol

- Universitäts HNO-Klinik, Magdeburg, Germany (B. Freigang) – oncology, plastic surgeries
- HNO Klinik Karl Gustav Kahler, Dresden, Germany (T. Hüttenbrink) – middle ear surgery, micromechanics of the middle ear transmitting system
- HNO Kopfklinik, Würzburg, Germany (J. Helms) – otosurgery, surgery of the skull base
- Instituto Europeo di Oncologia, Unita di Chirurgia Cervico-Facciale, Milan, Italy (F. Chiesa) – oncology
- Institute Gustave Roussy, Département de Chirurgie Cervico-faciale, Villejuif, France (B. Luboinski) – oncology
- Neurochirurgische Klinik Braunschweig, Germany (W.-P. Sollmann) – stem implants
- ENT Department of the Teaching Hospital in Bratislava, Slovakia (M. Profant) – oncology, otosurgery, cochlear implants
- ENT Department of the University Hospital Rotterdam, Netherlands (L. Feenstra) – otosurgery
- ENT Department of the University Hospital Nijmegen, Netherlands (van den Broek) – otosurgery, cochlear implants
- HNO Klinik Mannheim (Prof. Karl Hörmann), Mannheim, Germany – sleep laboratory (syndrome of sleep apnoe), glycobiology of head and neck tumours, cochlear implants, base of the skull
- ENT Department of the University Hospital, Rochester, USA (Prof. Beatty)
- ENT Department of the University Hospital, Pittsburg, USA (Prof. Myers)
- Whiston Hospital, Prescot, Great Britain (Dr. Audisio)
- ENT Department of the University Hospital Innsbruck, Austria (Prof. Thumfart)
- Hôpital Lariboissiere, Paris, France (Prof. Tran Ba Huy)
- Department of Otolaryngology, Head and Neck Surgery, AKH, Vienna, Austria (Prof. M. Burian)
- HNO Klinik und Poliklinik, Mainz, Germany (Prof. W. Mann)

Department of Orthopaedics at Teaching Hospital Motol

- Interventional MR Unit, St. Mary's Hospital, London, Great Britain, dr. P. Johal
- Orthopaedic Surgery, Osaka City University Medical School, Osaka, Japan, Dr. S. Nagawa
- Orthopaedics and Trauma Surgery, Chelsea and Westminster Hospital, London, Great Britain, Dr. A. Williams
- IMR Unit, St. Mary's Hospital London, Great Britain, Dr. Gedroyc
- The Royal London Hospital, London, Great Britain, M. A. R. Freeman
- Orthopaedic Surgery Department, University of Heidelberg, Germany, Dr. M. Schneider
- Department of Orthopaedic Surgery, Orthopaedic University New Royal Infirmary, Edinburgh, Great Britain, Dr. S. J. Breusch
- Orthopaedic Surgery Department, University of Heidelberg, SRN, V. Noe
- Department of Orthopaedics, Sahlgrenska University Hospital, Göteborg, Sweden, A. McPherson

- Laboratorio di Biomeccanica, Instituto Ortopedici Rizoli, Bologna, Italy, Dr. S. Martelli

Department of Orthopaedics at Teaching Hospital Na Bulovce

- Prof. Dungal is the president of EPOS (European Paediatric Orthopedic Society) for 2004-2005
- Arbeitsgemeinschaft für Knochentumoren, associating the countries of Central Europe in the projects of EMSOS (European Musculo Skeletal Oncological Society)
- in paediatric orthopedics, the Department co-operates with the Vienna Orthopaedics in Speising and performs research tasks within EPOS as well
- in diagnostics of bone tumours, we co-operate with the Institute for Pathology at the University of Hamburg, Germany; Department of Orthopaedics at the University of Vienna, Austria; and the Orthopaedic University Clinic in Münster, Germany
- some staff of the Department are also members of a number of national as well as international associations, such as SICOT, EFORT, EPOS, EMSOS, ESKA, etc.

Department of Neurosurgery

- University Hospital AZG, Groningen, Netherlands, Prof. J. J. A. Mooij, and Department of Neurosurgery, Universitätsklinikum Hamburg-Eppendorf, Germany, Dr. M. Westphal – research into glia tumours
- Berufsgenossenschaftliche Kliniken, Bergmannstrost, Halle, Germany, Dr. H. J. Meisel – EU project in the field of biomedical technologies

Department of Gastroenterology and Hepatology at the Central Army Hospital

- Ass. Prof. Zavoral was appointed a member of the WGO and OMGE committee for education and training. Further, he was appointed the representative of the Board of Gastroenterology of the EUEMS (European Union of Medics Specialists) in the working group for continuous education (CME)

Department of Infectious and Tropical Diseases at the Teaching Hospital Na Bulovce

- Wadsworth Center, USA (Prof. David A. Lawrence) – excessive immunity response to sepsis
- Université Paris VI Pierre et Marie Curie et Hôpital Pitié-Salpêtrière, France (Prof. Brigitte Autran) – immunity response in HIV infection
- Fogarty International Center, USA (Dr. Jack DeHovitz) – organisation of fellowships for our students in the research of agents of infection in USA

- University of London, Great Britain (Dr. E. David G. McIntosh) – ERASMUS/SOCRATES – problem-oriented teaching in tropical diseases
- Wadsworth Center, USA. (Dr. Jannet S. Keithly) – metabolism of *Cryptosporidium parvum*
- Robert Koch Institut, Germany (Dr. Albrecht F. Kiderlen) – akantamaebic and balamutial infections of the CNS

Department of Plastic Surgery at the Teaching Hospital Na Bulovce

- St. Louis Hospital in Paris, France
- Clinic of Plastic Surgery in San Diego, California – within the INTERFACE programme

Department of Pneumonology at Thomayer Teaching Hospital

- 12th Congress of the Slovak and Czech Pneumophthiseologic Society, Nitra, 17-20 June 2004, Slovakia
- 14th Congress of the European Respiratory Society, Glasgow, 4. – 8. 9. 2004, Scotland

Department of Rheumatology

- the Head of the Department was a member of the OARSI (Osteoarthritis Research Society International) executive board
- Prof. Vencovský has been member of one of the EULAR (European League Against Rheumatism) commissions
- Ass. Prof. Bečvář is a member of the Eular Standing Committee for Education

This list represents a gratifying account of the sometimes strained work and effort of the teachers and clerical staff of the Faculty throughout the year. All the Faculty staff are ready to help and entertain the visitors to their workplaces and consciously plan the co-operation of own international research and/or educational projects for the benefit of their colleagues.

We owe thanks to all who contributed to the development of international co-operation of our institutions and to those members of the academic community who worthily represented the Faculty.

*Prof. MUDr. Michael Halaška, DrSc.
Vice-dean for international relations
and representation of the First Faculty of Medicine*

*prof. MUDr. Vladimír Tesař, DrSc., MBA
Vice-Dean for Scientific Work and Research*

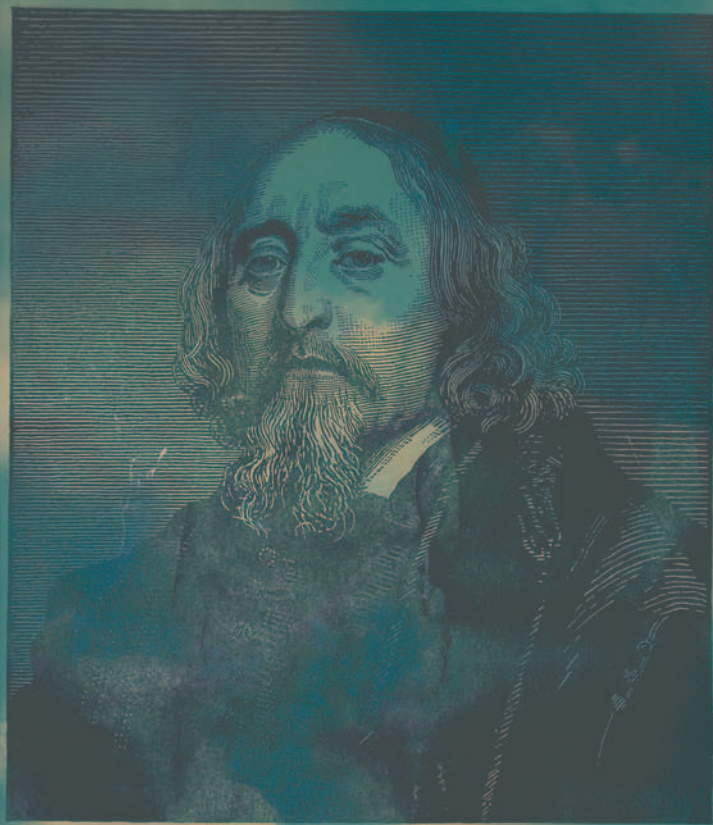


View of Albertov area with Hlava's Institute in the foreground



View of the buildings of the First Faculty of Medicine in the „upper campus“, in the street U nemocnice. On the right-hand site the Institute of Biochemistry and Experimental Oncology, on the left-hand site the former Institute of Pathology of the Faculty

EDUCATION



M. Svabinský del.

JAN AMOS KOMENSKÝ



EDUCATION



*Prof. MUDr. Stanislav Štípek, DrSc.
First Vice-Dean and Vice-Dean for Education and Social Affairs of Students*

BRIEF SURVEY OF TUITION

Branches of studies

At the time, the First Faculty of Medicine provides university education in the following scope:

Study of general medicine, study of stomatology and/or dentistry, Bachelor degree studies in the branches of nursing (full-time and combined), medical technology, occupational therapy and physiotherapy). As a follow-up, tuition in the following recently accredited Master degree programmes started in October 2002:

- medical technology and informatics;
- nursing science directed towards health teaching in secondary education.

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

The First Faculty of Medicine is the only medical faculty in Prague to train prospective practical dentists as well. This programme is also read in English for foreign students. Concerning the fact that the Czech Republic joined the European Union, a new programme of five-year studies of dentistry was launched in the academic year of 2004-2005.

The First Faculty of Medicine assists some other faculties in education of their students, providing coherent training in the form of courses in the relevant subjects, including examination.

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 in Prague and the Academy of Science of the Czech Republic.

The Faculty takes an extensive part at professional (pre-certification) training.

The First Faculty of Medicine ranks among the founders of the University of Third Age; the studies here have lasted for several years without interruption.

The teachers of the First Faculty of Medicine teach at some other faculties as well.

The Faculty organizes preparatory courses for the applicants who want to study medicine.

Entrance procedures

New students were admitted according to the scores of written tests in physics, chemistry and biology. Prior to the entrance exam, the whole set of test questions had been published. Out of these questions, a test at the presumed level of difficulty was made up, using the method of random choice by a computer, immediately before the examination. The scoring and compiling the list stating the sequence of the applicants according to the scores were done by a computer as well.

One important thing is alteration of questions in all subjects, which is done every year, considering the results of the entrance procedure the year before. The set of questions, some of which will be chosen to make up the written tests, has been published as a separate book and is available at the Dean' Office of the First Faculty of Medicine. The rate of success in answering the test questions is lower virtually year by year. This means that the zone of scores that allow to discrimi-



*Prof. MUDr. Jiří Mazánek, DrSc.
Vice-Dean for Stomatology and Dentistry*

nate quality of the applicants becomes wider. For 2005, contracts with external staff have been prepared who ensure independent technical processing of the tests.

Organization of studies

The studies are subdivided into years. In the course of studies, the stress is gradually shifted from theoretical subjects to pre-clinical ones, and eventually to clinical studies.

The main concern of the Faculty is to provide general medicine studies in a six-year course. In the course, the „block system” of studies is systematically emphasised, with the aim to create self-contained blocks of subject matter even within particular subjects. The completed blocks are immediately followed by review of study progress, in the forms incorporated in the Studies Regulations (credits, examination). The Bachelor degree studies are organized in such a manner so that it can enable mobility of students between the branches of study within the Faculty as well as the whole Charles University. We anticipate the establishment of new Bachelor and/or Master degree programmes with the possibility of continuing one's studies at some other faculties as well, or vice versa, of completing the studies at the First Faculty of Medicine after having obtained the Bachelor degree elsewhere. This system of studies will also provide the students who – for various reasons – leave the studies of medical subjects during the course with the chance to achieve a complete lower university-level education.

Curriculum

In 1992, the European Union Commission issued recommendations for medical schools, prepared by its Commission for Medical Education and concerning various aspects of undergraduate training of physicians. The First Faculty of Medicine complies with all aspects of these recommendations and does not have to make any changes to its basic scheme of tuition.

As for the subjects, the curriculum of the First Faculty of Medicine is – in the aspect of organization – directed towards a certain degree of option in pre-graduate orientation. This requires a higher level of reviewing the progress of autonomous study throughout the course, which is connected with the switchover to the activating methods of study. In the last year, alterations in both organization and subject matter in the programmes of studies in general medicine and stomatology, approved by the Scientific Council on 27 April 2001, were completed. In theoretical subjects, the syllabuses were appended, especially with new achievements of molecular biology. The choice of clinical teaching workplaces extended. Clinical training takes place in the General Teaching Hospital, as well as in a number of other clinical facilities. It is only evaluation of the ability for expert teaching that decides upon the choice of the respective workplaces. This also applies to any possible practical training in health care facilities abroad, provided they confirm in advance that they are able to



*Doc. MUDr. Petr Bartůněk, CSc.
Vice-Dean for Lifelong Learning and Health Care Branches*

guarantee the required extent of training. In evaluation of tuition, the students take part as well. This is motivating for the teachers and facilitates implementation of changes in the general concept of tuition.

A still increasing number of students are on individual study plans (ISP), which is connected with their increased load due to concurrent studies at more faculties, fellowships or language courses abroad, etc., but also on health grounds and – lately – also medico-social grounds.

In autumn 2002, the Study Information System (SIS) was launched for both students and teachers. The system enables electronic enrollment and registration of study subjects, terms of exams and their outcomes. In 2003 SIS was amended with a number of routines, including the possibility of printing out current as well as annual records of credits and examinations.

Several events were organized to provide information for the public, such as open days, Gaudeamus, etc.

Recently, two types of agreements on recognition of education exist:

- (1) international agreements on mutual recognition of equivalence in certificates of education;
- (2) international agreements on mutual recognition of certificates of education.

In 2004, the Faculty gave the opinion on recognition of university-level education in 35 cases (applicants).

NUMBER OF STUDENTS (BY 31 OCTOBER 2004) – UNDERGRADUATE STUDIES

STUDENTS – CZECH NATIONALS

branch	1 st yr	2 nd yr	3 rd yr	4 th yr	5 th yr	6 th yr	total
general medicine	420	324	203	143	216	261	1,567
stomatology/dentistry	80	34	40	35	31	44	264
nursing – full-time	30	15	18				63
nursing – combined	36	35	23	30			124
occupational therapy	25	27	37				89
physiotherapy	19	18	15				52
medical technology	28	12	17				57
Master – nursing	39	25					64
Master – techn. & informatics	19	19					38
total	696	509	353	208	247	305	2,318

INTERNATIONAL STUDENTS

branch	1 st yr	2 nd yr	3 rd yr	4 th yr	5 ^h yr	6 th yr	total
general medicine (+ paying students)	175 (78)	85 (33)	118 (18)	80 (17)	62 (23)	66 (59)	586 (228)
stomatology/dentistry (+ paying students)	9 (4)	5 (4)	6 (2)	4 (2)	2	6 (4)	32 (16)
occupational therapy	1	-	2				3
physiotherapy	2	1	1				4
nursing - full-time	2	-	1				3
nursing - combined	8	5	2	2			17
medical technology	3	-	2				5
Master nursing	-	-					-
Master techn. & informatics	1	-					1
Total (total of paying students)	201 (82)	96 (37)	132 (20)	86 (19)	64 (23)	72 (63)	651 (244)

OUT OF THE ABOVE NUMBER, THOSE RECENTLY ENROLLED IN THE 1ST YEAR:

branch	Czech	foreign
general medicine	360	171
dentistry	45	11
nursing – full-time	25	5
nursing – combined	31	6
occupational therapy	28	1
physiotherapy	44	5
medical technology	21	4
Master – nursing	35	-
Master – techn. & informatics	16	1
total	605	204

NUMBER OF STUDENTS (BY 31ST OCTOBER OF THE RESPECTIVE YEAR)

Number of students: Czech/ + international (incl. paying students)	1993	1994	1995	1996	1997	1998
medicine	1,907/ 314 -36	1,930/ 151 -54	1,739/ 187 -64	1,672/ 192 -101	1,829/ 260 -145	1,702/ 334 -175
stomatology/dentistry	168/9	151/13 -8	132/17 -11	168/20 -14	260 -15	217/32 -19
nursing full-time	49/2	70/1	75	76	72	77
nursing combined	25	55	64	81	87	92/2
occupational therapy	-	21	35/2 (1)	47/3 (1)	56/2	83/3
physiotherapy	-	-	-	-	-	-
medical technology	-	15	22	38/1	49/1	64/1
Master – nursing	-	-	-	-	-	-
Master – technology & informatics	-	-	-	-	-	-

NUMBER OF STUDENTS (BY 31ST OCTOBER OF THE RESPECTIVE YEAR) – CONTINUED

Number of students: Czech/ + international (incl. paying students)	1999	2000	2001	2002	2003	2004
medicine	1,669/ 395 -165	1,448/ 575 -171	1,579/ 713 -188	1,395/ 939 -201	1,362/ 711 -215	1,567/ 586 -228
stomatology/dentistry	239/42 -18	246/52 -16	257/48 -15	239/66 -17	289/49 -14	264/32 -16
nursing full-time	80	74/1	77/1	67/2	62/6	63/3
nursing combined	92/3	101/6	111/7	120/7	127/18	124/4
occupational therapy	110/3	130/1	83/1	81/11	91/8	89/3
physiotherapy	-	-	48/2	48/3	56/6	52/17
medical technology	67	55/1	61/3	50/4	61/11	57/5
Master – nursing	-	-	-	25	59/1	64
Master – technology & informatics	-	-	-	21	38/0	38/1

ENGLISH-TAUGHT PARALLEL CLASSES – REPORT ON SELF-PAYING INTERNATIONAL STUDENTS

The entrance procedures took place at presence of the Faculty examiners: four times in Prague, once in Poděbrady, once in Botswana, once in Cyprus, and twice in Great Britain (The Abbey Colleges). Out of 190 students who underwent examination in the form of written tests in physics, chemistry and biology and an interview, 132 were admitted to study in the first year but 12 of the number did not enroll. In six years of English-taught parallel classes, the total number of 250 students are studying at the moment. Forty students have successfully completed their studies. Co-operation with the Papanek Foundation in USA on the programme of exchange of American and Czech students has continued. The tuition fee amounts USD 10,500 per year and will be increased to USD 11,500 from the academic year 2005/2006.

THIRD-AGE UNIVERSITY OF THE FIRST FACULTY OF MEDICINE – ORGANIZATION AND COURSE OF TUITION

In the academic year of 2003-2004, the third-age course was started for the eighteenth time. Tuition is in two years, or four terms (semesters) with a constant list of lectures. The principles that apply to the programme and subject matter are:

- in this case, rather than a goal, education is a means of mental activation of the aged human, enabling to set up an alternative life programme at the retirement age;
- third-age education at a medical faculty must avoid particular details of diseases, their causes, clinical manifestations and therapies in order to prevent

two possible hazards: some students might either sink into hypochondriac states, or yield to temptation to become healers.

For these reasons, the basic two-year course remains on the theoretical platform of medical science, also adding some interesting points, instruction in prophylaxis, and information about history of medicine.

Twelve years ago, in June 1991, the Club of Alumni of the Third-Age University, affiliated to the First Faculty of Medicine, was established. The club has 562 members, most of which participate at lectures, prepared in the form of cycles (hormones, stress, vitamins, new achievements in medicine) for the winter semester by Professor Vratislav Schreiber.

In the summer semesters, the cycles have covered the following topics so far: prophylaxis, imaging techniques in medicine, and – in further prospect – immunology. The Institute of Physical Education provides seminars and practicals on social and health aspects of physical training and sport.

In the tuition for the Third-Age University, both the basic course and the alumni, many institutions of the First Faculty of Medicine are involved. Their Heads are really outgoing and usually charge themselves with the task of reading the lectures, or delegate an outstanding specialist of the institute or department.

Some members of the Club of Alumni help the Faculty, doing the clerical work or assisting in libraries; some of them attend the clinical departments as lay assistance for the patients.

The First Faculty of Medicine is represented in the national association of third-age universities, which in turn is a member of the international association of third-age universities.

CO-OPERATION WITH OTHER FACULTIES AND UNIVERSITIES IN THE FIELD OF EDUCATION

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

– **with the Faculty of Education, Charles University in Prague**

For the 1st to 3rd years of the programme of Special Paedagogy, 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 Faculty of Education teaches for the First Faculty of Medicine the 1st to 3rd year students in the Bachelor degree programmes of occupational therapy and medical technology.

– **with the 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 external students in the 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.

– **with the 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.

– **With the Faculty of Natural Science, Charles University in Prague**

The Institute of Forensic Medicine and Toxicology teaches the subject Analytical Toxicology for the Bachelor degree programme Clinical and Toxicological Analysis.

Histology is taught for one term for the programme of Parasitology.

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

– **with the 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, 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.

– **with the Institute of Chemical Technology (VŠChT) in Prague**

The tuition of the subject Analytic Toxicology was introduced at the above Institute (VŠChT) by the teachers of the Institute of Forensic Medicine and Toxicology in 1995, within a grant project of the Fund of Development of Universities; now it is provided by the teachers of the Institute (VŠChT) as well. The teachers of the Institute of Clinical Biochemistry teach the students of the Institute (VŠChT) on a long-term basis as well.

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

EDUCATION IN THE BACHELOR DEGREE PROGRAMME

In the academic year of 2004-2005, as many as 525 students are studying at the the First Faculty of Medicine of Charles University in all non-medical programmes. This number includes 418 students in Bachelor degree programmes and 107 students in follow-up Master degree programmes.

Throughout 2004, preparations were made for the accreditation procedure concerning the following fields: addictology, intensive care, nutritional therapy, orthopaedic prosthetics, and management and economy of

health-care facilities. Therefore, the Faculty management gradually implements the *Common declaration on harmonization of building of the European System of Higher Schools* of 25 May 1998 (known as „The Sorbonne Declaration”), as well as the *Common declaration of Ministers of Education of European countries* of 19 June 1999 (known as „Bologna Declaration”), even in spite of the notorious current state of the teaching staff and at the modest teaching premises available.

In addition, the concepts of any new particular programmes in health-care fields introduced must also comply with the new Act 96, which has been in effect since 4 February 2004, i.e. the *Act on conditions of obtaining and accrediting qualification for practicing non-medical health-care professions and for performance of activities allied to providing health care and on amendment of some other relevant Acts* (in short, Act on non-medical health-care professions).

As there is a pressing need in the whole society for most of those professions whose programmes are being subject to the accreditation procedure, it can be

NUMBER OF STUDENTS IN BACHELOR AND FOLLOW-UP MASTER DEGREE PROGRAMMES IN THE ACADEMIC YEAR 2004/5

Bachelor programmes	Number of students
Nursing full-time	65
Nursing combined	128
Occupational therapy	86
Medical technology	57
Physiotherapy (in Mariánské Lázně)	55
Physiotherapy (in Prague)	27
Bachelor programmes - total	418
Follow-up Master programmes	Number of students
Medical technology and informatics	38
Health teaching for secondary schools	69
Master programmes – total	107
Non-medical programmes – total	525

GRADUATES IN BACHELOR DEGREE PROGRAMMES (2004)

Year	Nursing full-time	Nursing combined	Occupational therapy	Physiotherapy	Medical technology	Health teaching	Total
2004	18	27	18	18	11	0	92

GRADUATES IN THE FOLLOW-UP MASTER DEGREE PROGRAMMES (2004)

Bachelor programmes	Number of students
Medical technology and informatics	13
Health teaching for secondary schools	23
Total	36

BACHELOR DEGREE PROGRAMMES ACCREDITED FOR THE ACADEMIC YEAR 2005/6

Field	Form of studies
Addictology	Full-time

presumed that the graduates in the respective fields will be able to come into their own, considering their education and specialization.

Under general supervision of the Department for further medical education at the First Faculty of Medicine, as many as 23 post-graduate courses were held, and also 21 seminars organized by the clinical departments. In total, 2,280 physicians participated in these

BACHELOR DEGREE PROGRAMMES IN PREPARATION FOR ACCREDITATION PROCEDURE

Field	Form of studies
Nutritional therapy	Full-time
Nutritional therapy	Combined
Orthopaedic prosthetics	Combined

MASTER DEGREE PROGRAMMES IN PREPARATION FOR ACCREDITATION PROCEDURE

Field	Form of studies
Management and economy of health-care facilities	Full-time
Management and economy of health-care facilities	Combined
Ortopaedic prosthetics	Combined

events. Some of them obtained a certificate according to the Professional Regulation Nr 16 of the Czech Medical Chamber, some of them obtained the respective credits, considering the number of lessons which they had attended.

Apart from the above, 21 seminars were organized by pharmaceutical companies, where 508 physicians took part.

*Prof. MUDr. Stanislav Štípek, DrSc.
First Vice-Dean and Vice-Dean for Education
and Social Affairs of Students*

*Prof. MUDr. Petr Bartůněk, CSc.
Vice-Dean for Lifelong Learning
and Health Care Branches*

*Prof. MUDr. Jiří Mazánek, DrSc.
Vice-Dean for Stomatology and Dentistry*

SURVEY OF THE NUMBER OF APPLICANTS AND THEIR RESULTS

Academic year	Branch	Number of applicants	Number of applicants examined	Enrolled out of the admitted	Enrolled out of the examined (per cent)	Limit for admission (points)	Maximum score (in theory)	Limit rate in the test %	Number of appeals	Appeals out of those examined (per cent)	Appeals out of those not admitted (per cent)
1990/91	medicine	1,788	1,593	458	28.75%	195	200	97.50%	726	40.51%	56.70%
	stomatology	220	199	54	27.14%	178	200	89%			
	total	2,008	1,792	512	28.57%						
1991/92	medicine	2,116	1,473	327	22.20%	273	300	91%	484	28.63%	36%
	stomatology	311	207	29	14.01%	261	300	87%			
	total	2,427	1,680	326	21.19%						
1992/93	medicine	2,303	1,384	280	20.23%	245	297	82.50%	350	22%	27%
	stomatology	324	206	27	13.11%	233	297	78.50%			
	total	2,627	1,590	307	19.31%						
1993/94	medicine	1,773	1,164	288	24.74%	240	297	80.80%	175	13.03%	17.50%
	stomatology	268	179	26	14.53%	222	297	74.70%			
	total	2,041	1,343	314	23.38%						
1994/95	medicine	1,601	1,144	269	23.51%	222	297	74.70%	122	10.66%	14.70%
	stomatology	206	143	34	23.78%	217	297	73.10%			
	total	1,807	1,287	303	23.54%			147			
1995/96	medicine	1,646	1,126	300	26.64%	226	299	75.50%	123	10.92%	16.90%
	stomatology	179	116	35	30.17%	212	299	70.90%			
	total	1,825	1,242	335	26.97%			146			
1996-/97	medicine	1,662	1,202	326	27.10%	210	299	70.20%	108	8.99%	13.00%
	stomatology	213	162	44	27.20%	202	299	67.60%			
	total	1,875	1,364	370	27.13%			130			
1997/98	medicine	1,455	1,152	418	36.28%	203	299	67.89%	82	7.12%	11.17%
	stomatology	191	161	51	31.67%	226	299	75.59%			
	total	1,646	1,313	469	35.72%			104			
1998/99	medicine	1,583	1,035	364	35.17%	186	297	62.63%	156	15.07%	23.77%
	stomatology	235	156	53	33.97%	178	297	59.93%			
	total	1,818	1,191	417	35.01%			184			
1999/00	medicine	1,549	1,161	490	42.20%	186	299	62.21%	123	10.59%	18.33%
	stomatology	212	166	69	41.57%	172	299	57.53%			
	total	1,761	1,327	559	42.12%			151			
2000/01	medicine	1,789	1,183	447	37.79%	164	299	54.85%	126	10.65%	17.12%
	stomatology	226	167	60	35.93%	155	299	51.84%			
	total	2,015	1,350	507	37.55%			149			
2001/02	medicine	2,202	1,353	404	29.86%	180	300	60%	148	10.94%	18.03%
	stomatology	281	183	52	28.41%	180	300	60%			
	total	2,483	1,536	456	29.69%			179			
2002/03	medicine	1,987	1,433	444	30.98%	201	300	67%	89	6.21%	6.75%
	stomatology	252	188	59	31.38%	176	300	58.66%			
	total	2,239	1,621	503	31.03%			108			
2003/04	medicine	1,873	1,398	437	31.25%	191	300	63.66%	102	7.30%	8.99%
	stomatology	307	225	52	23.11%	200	300	66.66%			
	total	2,180	1,623	489	30.13%			131			
2004/05	medicine	1,850	1,481	534	36.06%	185	299	61.87%	107	7.23%	7.99%
	stomatology	333	275	56	20.36%	240	299	80.27%			
	total	2,183	1,756	478	27.22%			147			

ALUMNI OF THE FIRST FAKULTY OF MEDICINE

FIELD	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	91	92	93	94	95	96	97	98	99	2000	01	02	03	04
General Medicine	255	288	297	356	419	392	346	361	241	218	154	194	260	219
Stomatology	35	37	40	41	45	47	-	25	17	24	26	35	27	47
Nursing – full-time	-	-	-	-	-	14	20	28	18	26	16	28	24	18
Nursing – combined	-	-	-	-	-	-	-	19	17	19	12	21	30	27
Occupational therapy	-	-	-	-	-	-	-	9	15	14	16	20	22	18
Physiotherapy	-	-	-	-	-	-	-	-	-	-	13	11	13	18
Health teaching	-	-	-	-	-	-	-	14	10	-	-	-	-	-
Medical technology	-	-	-	-	-	-	-	4	3	16	3	10	11	11
Medical technology and informatics	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Health teaching for secondary schools	-	-	-	-	-	-	-	-	-	-	-	-	-	23
English parallel class - medicine	-	-	-	-	-	-	-	-	2	6	18	18	17	38
English parallel class - stomatology	-	-	-	-	-	-	-	-	-	2	-	2	1	4
Celkem	290	325	337	397	464	453	366	460	323	325	258	339	405	436

GRADUATES FROM CHARLES UNIVERSITY IN PRAGUE – FIRST FACULTY OF MEDICINE IN THE YEAR 2004

Graduation ceremony on 29 July 2004 – 10.30 a.m.

In the Bachelor degree programme of nursing science, branch nursing the following completed their studies:

Marie Bárťová, born in Prague
Eva Provazníková, born in Roudnice nad Labem
Monika Russová, born in Ružomberok
Pavčina Tůmová, born in Prague

In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:

Jiří Dammer, born in Rokycany
Kamila Holdová, born in Mladá Boleslav
Martin Petráček, born in Jaroměř
Tomáš Vachek, born in Prague
Martin Vlasák, born in Prague

In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:

Veronika Luxíková, born in Prague
Jaroslava Kládiová, born in Prague
Andrea Klimentová, born in Prague
Vendula Podubecká, born in Vrchlabí
Veronika Schönová, born in Prague
Jana Červená, born in Plzeň
Olga Kolembusová, born in Olomouc
Martina Vavrochová, born in Prague
Eva Zíková, born in Benešov

In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:

Jana Havlová, born in Aš

Graduation ceremony on 23 July 2004 – 10.30 a.m.

In the Master degree programme of general medicine, the following completed their studies with honours:

Kateřina Nová, born in Stod
Petr Jiroutek, born in Prague

Further, the following completed their studies in the Master degree programme of general medicine:

Miroslava Břejchová, née Marešová, born in Prague
Eva Culková, born in Prague
Gabriela Dostálová, born in Prague
Katarína Halajová, born in Svidník
Petra Halakucová, born in Slaný

Kateřina Hesová, born in Prague
Stanislava Kasanická, born in Revúca
Radmila Kučíková, born in Frýdek-Místek
Barbora Kuřecová, born in Brno
Kryštof Mach, born in Jindřichův Hradec

Jan Masopust, born in Prague
Jan Němčanský, born in Opava
Tereza Pelichovská, born in Most

Richard Pešek, born in Jihlava
Adrian Reichenbach, born in Havířov

Pavel Šiška, born in Tábor
Oldřich Šoula, born in Humpolec
Lucie Štrupová, born in Prague
Jiří Zdražil, born in Pardubice

Tamara Žáčková, born in Prague
Věra Žemličková, born in Jablonec nad Nisou

Graduation ceremony on 29 July 2004 – 12.00 (noon)

In the Master degree programme of general medicine, the following completed their studies in English language:

Tahira Akram, born in Pakistan
Emmanouil Ioannis Dimitropoulous, born in Greece

Christos Dimos, born in Greece
 Udit Gupta, born in England
 Shahtab Chowdhury, born in England
 Babu Kangesan, born in Sri Lanka
 Meena Khan, born in England
 Athanasia Pasioti, born in Greece
 Chandra Roy Neil, born in India
 Ioanna Valasopoulou, born in Greece
 Jeffrey Vanek, born in Canada
 Nolan Walker, born in South Africa

In the Master degree programme of stomatology, the following completed their studies in English language:

Eleni Aristodemou, born in Cyprus
 Shelly Gupta, born in England

Graduation ceremony on 30 July 2004 – 9.00 a.m.

In the Master degree programme of stomatology, the following completed their studies:

Radka Bacíková, born in Prague
 Štěpánka Bálková, born in Prague
 Iva Baronová, born in Slaný
 Romana Bílková, born in Brandýs nad Labem
 Lenka Draková, born in Mladá Boleslav
 Jan Dražan, born in Prague
 Bc. Zdeněk Haken, born in Prague
 Katarína Jägerová, born in Prague
 Petr Kolář, born in Benešov
 Petr Konvalinka, born in Chomutov
 Eva Kosová, born in Litoměřice
 Kristýna Krejsová, born in Prague
 Pavel Kučera, born in Prachatice
 Hana Macešková, born in Vlašim
 Petra Nekolová, born in Prague
 Jiří Palek, born in Prague
 Nora Plechatá, born in Prague
 Eva Voborníková, born in Tábor
In the Master degree programme of general medicine, the following completed their studies:
 Jana Dvořáková, born in Vimperk
 Taťána Šustrová, born in Prague
 Petr Vašek, born in Kladno
 Aleš Vlasák, born in Prague
 Veronika Zagatová, née Turková, born in Most
 ing. Jana Zemanová, née Bejtlerová, born in Prague

Graduation ceremony on 30 July 2004 – 10.30 a.m.

In the Master degree programme of stomatology, the following completed their studies:

Imrich Bajza, born in Žiar nad Hronom
 Filip Donev, born in Skopje
 Jiřina Hoffmannová, born in Prague
 Darja Judina, born in Roščino
 Petr Kohout, born in Prague
 Martina Kovářová, born in Prachatice
 Kateřina Krausová, born in Prague
 Josef Kučera, born in Liberec
 Michaela Petrovičová, born in Myjava
 Petra Pilcová, born in Trutnov
 Monika Reinišová, born in Turnov
 Lucie Rundová, born in Jablonec nad Nisou
 Lusine Samsonyan, born in Yerevan
 Irena Sinecká, born in Strakonice
 Linda Součková, born in Prague
 Richard Suda, born in Klatovy
 Barbara Svobodová, born in Prague
 Michal Šipoš, born in Prague

Daniel Šourek, born in Teplice
 Milan Tomka, born in Košice
 Jiřina Vachková, born in Prague
 Daniela Váchová, born in Prague
 Pavel Vachulka, born in Domažlice
 Marek Vlk, born in Domažlice
 Martin Voldřich, born in Prague

Graduation ceremony on 30 July 2004 – 12.00 (noon)

In the Master degree programme of general medicine, the following completed their studies:

Viktorie Bubelíniová, born in Sokolov
 Blanka Dufková, born in Prague
 César Arturo Fernández Bazán, born in the Republic of Peru
 Lubomír Hašlík, born in Hodonín
 Karel Holub, born in Nové Město na Moravě
 Jiří Jón, born in Jablonec nad Nisou
 Aleš Kovářík, born in Brno
 Markéta Koželuhová, born in Plzeň
 Daniela Krátká, born in Prague
 Jaromír Křemen, born in Prague
 Petra Kučerová, born in Jilemnice
 Zdeněk Lačňák, born in Beroun
 Jaroslav Ouředník, born in Ústí nad Labem
 Barbora Pauková, born in Prague
 Monika Pitthardová, born in Hradec Králové
 Petr Prokš, born in Jihlava
 Adam Pudlač, born in Česká Lípa
 Vladimír Richtr, born in Varnsdorf
 Jiří Šedý, born in Prague
 Zdenka Šimáčková, born in Prague
 Jiří Škach, born in Prague
 Bořek Tuček, born in Duchov
 Petra Uhlíková, born in Strakonice
 Tereza Vondřichová, born in Prague
 Tomáš Zajíc, born in Prague
 Dana Zimandlová, born in Benešov
 Vincent Dansou Zoundjiekpon, born in the Republic of Benin

Graduation ceremony on 30 July 2004 – 1.30 p.m.

In the Master degree programme of general medicine, the following completed their studies with honours:

Daria Horváthová, born in Ružomberok
 Lukáš Lacina, born in Chomutov
 Michal Pročke, born in Prague
Further, the following completed their studies in the Master degree programme of general medicine:
 Marika Angrová, born in Kladno
 Vladislav Barták, born in Prachatice
 Nikola Bartošová, born in Havířov
 Veronika Bílková, born in Plzeň
 Karolina Broulíková, born in Prague
 Karel Dvořák, born in Tábor
 Tomáš Dvořák, born in Brandýs nad Labem
 Wael Abdul Saheb El-Husseini, born in the Republic of Lebanon
 Lenka Farbáková, born in Bratislava
 Jan Fulík, born in Prague
 Daniela Chyská, born in Písek
 Petra Jeřábková, born in Pelhřimov
 Lenka Kadeřávková, born in Žatec
 Yevheniya Kiyak, born in the Republic of Ukraine
 Ondřej Kubínek, born in Prague

Lucie Murárová, born in Vlašim
 Hana Navrátilová, born in Prague
 Tomáš Nedělka, born in Strakonice
 Vladimír Nedvěd, born in Teplice
 Hana Pajerková, born in Ústí nad Labem
 Ivana Paláčková, born in Prague
 Markéta Počtová, born in Prague
 Martina Procházková, born in Mělník
 Jana Šmalcová, born in Frýdek-Místek
 Kateřina Šnajdrová, born in Prague
 Katarína Vlčková, née Matulová, born in Bratislava
 Kamila Zimová, born in Prague

Graduation ceremony on 30 July 2004 – 3.00 p.m.

In the Master degree programme of general medicine, the following completed their studies with honours:

Martin Jíra, born in Kadaň

Further, the following completed their studies in the Master degree programme of general medicine,:

Markéta Albrechtová, born in Kladno
 David Ambrož, born in České Budějovice
 Jana Bártlová, born in Havlíčkův Brod
 Martin Bombic, born in Partizánske
 Vladimír Borovička, born in Prague
 Linda Brokešová, born in Třebíč
 Hana Fagošová, born in Kolín
 Barbora Foltýnová, born in Uherské Hradiště
 Bc. Ilona Heffnerová, born in Rokycany
 Mária Hönschová, born in Poprad
 Zuzana Hroššová, born in Benešov
 Pavel Hrubý, born in Jablonec nad Nisou
 Eva Kalašová, born in Plzeň
 Jaromír Krška, born in Písek
 Monika Majkovičová, born in Prague
 Petr Mitáš, born in Svitavy
 Klára Mráčková, born in Prague
 Jaroslav Plachý, born in Uherské Hradiště
 Jana Prokopová, born in Humpolec
 Jiří Pudil, born in Prague
 Arnošt Sobol, born in Uherské Hradiště
 Ondřej Stáňa, born in Prague
 Olga Stéblová, born in Ostrava
 Romana Stibůrková, born in Benešov
 Monika Sůsová, born in Nymburk
 Katarína Vaňová, born in Banská Bystrica

Graduation ceremony on 14 September 2004 – 9.00 a.m.

In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies, with honours:

Jana Vodičková, born in Havlíčkův Brod

Further, in the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:

Martina Bartošková, born in Prague
 Zdeňka Bumbálková, born in Prague
 Hana Dvořáková, born in Jilemnice
 Jiřina Hauznerová, born in Žatec
 Irena Helisová, born in Litoměřice
 Ján Hirjak, born in Humenné
 Jaroslava Holakovská, born in Brandýs nad Labem
 Lucie Karalová, born in Přerov
 Hana Kolditzová, born in Karlovy Vary
 Jaroslava Kuchtová, born in Varnsdorf
 Jana Kvapilová, born in Přerov

Zdeňka Lusková, born in Strakonice
 Kateřina Mitevová, born in Ostrava
 František Ouředník, born in Prague
 Ivana Papežová, born in Prague
 Michaela Rutkaiová, born in Prague
 Alena Seidlová, born in Děčín
 Iva Steinerová, born in Děčín
 Klára Svobodová, born in Prague
 Pavla Štrobachová, born in Slaný
 Jana Zítková, born in Roudnice nad Labem
 Tereza Al-Hiti, born in Nové Město na Moravě
 Simona Beránková, born in Varnsdorf
 Alena Bursová, born in Plzeň
 Barbora Dostálová, born in Náchod
 Libuše Dubová, born in Cheb
 Michaela Hallerová, born in Prague
 Michaela Hančáková, born in Rakovník
 Kateřina Hercingerová, born in Benešov
 Barbora Hloušková, born in Zlín
 Renata Jozová, born in Prague
 Lucie Kleisnerová, born in Prague
 Blanka Průšová, born in Louny
 Lenka Skálová, born in Benešov
 Romana Šepsová, born in Hořice
 Eva Zachová, born in Prague

Graduation ceremony on 14 September 2004 – 10.30 a.m.

In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:

Lenka Krobová, born in Rakovník
 Markéta Horáková, born in Prague
 Jolana Grécová, born in Dvůr Králové nad Labem
 Marika Tauchmanová, born in Benešov
 Štěpán Tonar, born in Moravská Třebová
 Alena Zárubová, born in Trutnov

In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies with honours:

Irena Fantišová, born in Cheb
Further, in the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies :
 Michaela Čechová, born in Kadaň
 Milan Freiman, born in Kladno
 Ilona Jurčicová, born in Havlíčkův Brod
 Petra Jůzlová, born in Cheb
 Martina Luňáčková, born in Karlovy Vary
 Zuzana Maierová, born in Šumperk
 Vlasta Mičková, born in Stod
 Michaela Morávková, born in Karlovy Vary
 Marta Preibischová, born in Mariánské Lázně
 Daniela Rezková, born in Aš
 Iveta Richterová, born in Most
 Iva Rýznarová, born in Kutná Hora
 Alena Špačková, born in Prague
 Renata Šupová, born in Prague
 Silvie Táborská, born in Jablonec nad Nisou
 Alena Trachtová, born in Mariánské Lázně

In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:

David Fiřt, born in Prague
 Alena Kautská, born in Prague
 Petr Matějčec, born in Prague

Martina Turzová, born in Humenné
 Marie Langová, born in Plzeň
 Lucie Marková, born in Vimperk
 Tomáš Kříž, born in Ústí nad Labem
 Pavla Juránková, born in Karlovy Vary

Graduation ceremony on 14 September 2004 – 12.00 (noon)

In the Master degree programme of specialization in health care, branch medical technology, the following completed their studies:

Jana Bartoňová, born in Prague
 Michaela Benáčková, born in Třebíč
 Ibrahim Ibrahim, born in Safar, Syria

In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies with honours:

Alexandra Ambasová, born in Prague
 Andrea Herbrichová, born in Mostiště
 Helena Novotná, born in Tábor

Further, in the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies:

Hana Janoušková, born in Ústí nad Labem
 Eva Klusáčková, born in Jihlava
 Tereza Koláčná, born in Prague
 Ludmila Lamplotová, born in Most
 Silvie Macourková, born in Liberec
 Jarmila Milcová, born in Příbram
 Lenka Moravcová, born in Česká Lípa
 René Orságová, born in Prague
 Lenka Ostrá, born in Domažlice
 Markéta Paprštejnová, born in Čáslav
 Jana Pelcová, born in Rokycany
 Eliška Plačková, born in Znojmo
 Dagmar Prokopiusová, born in Strakonice
 Zuzana Semerádová, born in Český Brod
 Renata Sládková, born in Prague
 Iva Šobíšková, born in Prague
 Lenka Šolcová, born in Písek
 Hana Šťastná, born in Domažlice

Graduation ceremony on 14 September 2004 – 1.30 p.m.

In the Master degree programme of general medicine, the following completed their studies with honours:

Milan Kocián, born in Havířov
 Eva Krasulová, born in Frýdek-Místek
 Eva Veselá, born in Strakonice

Further, the following completed their studies in the Master degree programme of general medicine,:

Chadi Ali, born in the Republic of Lebanon
 Štěpán Eismann, born in Prague
 Zdenka Fišerová, born in Most
 Wacheke Evelyn Gathecha, born in the Republic of Kenya
 Fadi Yousef Sadeq Hamad, born in the Hashemite Kingdom of Jordan
 Jan Kábrt, born in Prague
 Pavlína Kaslová, born in Mělník
 Martina Kettnerová, born in Prague
 Jiří Knot, born in Olomouc
 Ondřej Kočí, born in Česká Lípa
 Eva Konířová, born in Prague
 Michaela Kovaříková, born in Rýmařov
 Jana Kronová, born in Košice
 Zuzana Lukoszová, born in Ostrava

Petr Majtan, born in Čáslav
 Iva Novotná, born in Děčín
 Simona Paloušová, née Housová, born in Prague
 Helena Pavlíčková, née Doležalová, born in Velké Meziříčí

Tomáš Peterka, born in Městec Králové
 Jiří Petruška, born in Kolín
 Tereza Rejhonová, born in Prague
 Vladimír Riljak, born in Česká Lípa
 Michal Scheinost, born in Prague
 Petra Spanghero, née Vonešová, born in Prague
 Jana Tauberová, born in Prague
 Barbora Tišlerová, born in České Budějovice
 Zdenka Vaňková, born in Prague

Graduation ceremony on 14 September 2004 – 3.00 p.m.

In the Master degree programme of stomatology, the following completed their studies:

Edgar Oganessian, born in the Republic of Armenia

In the Master degree programme of general medicine, the following completed their studies:

Mgr. Tomáš Bauko, born in Ostrava
 Hana Brtnická, born in Jilemnice
 Martin Čapek, born in Jindřichův Hradec
 Josef Doležal, born in Počátky
 Přemysl Gogela, born in Zlín
 Marie Hajdová, born in Vsetín
 Marta Hajíčková, born in České Budějovice
 Klára Hájková, born in Týn nad Vltavou
 Zdeněk Haloun, born in České Budějovice
 Tereza Horká, born in Kroměříž
 Jana Hrubčíková, born in Vsetín
 Milan Chovanec, born in Banská Bystrica
 Andrea Jahelková Švamberská, born in Rokycany
 Vladimír Kmoch, born in Prague
 Matej Komár, born in Banská Bystrica
 Vít Kratochvíl, born in Nové Město na Moravě
 Jan Křen, born in Prague
 Petra Lonská, born in Vlašim
 Barbora Mančalová, born in Kolín
 Jan Matouš, born in Prague
 Róbert Matúš, born in Revúca
 Tereza Možíšová, born in Prague
 Petra Pospíšilová, born in Prague
 Tomáš Prskavec, born in Prague
 Jan Schröder, born in Ostrava
 Kateřina Ševčíková, born in Zlín
 Jana Šmalcová, born in Frýdek-Místek
 Hana Urbanová, née Slavíčková, born in Prague
 Kateřina Želiszewská, born in Opava

Graduation ceremony on 15 September 2004 – 10.30 a.m.

In the Master degree programme of general medicine, the following completed their studies in English language:

Savva Aleaddine, born in Germany
 Singh Arvinder, born in England
 Eitan Brizman, born in England
 Ioanna Dede, born in Greece
 Gary Dempsey, born in England
 Thomas Hildebrand, born in USA
 Karin Kadlečíková, born in Slovakia
 Achilles Kalnoky, born in Czechoslovakia
 Disha Kapoor, born in India

Samira Malik, born in England
 Heleni Mastoroudes, born in South Africa
 Elizabeth Caroine Muhiire-Ntaki, born in Uganda
 Brian Thomas Murray, born in USA
 Yahya Nasreen, born in England
 Lampros Palyvos, born in Greece
 Maria Papaleontiou, born in Germany
 Ioannis Papandrikos, born in Greece
 Vipul Parbat, born in England
 Anupam Thakur, born in England
 Yogesh Thankey, born in England
 Dinal Vekaria, born in England
In the Master degree programme of stomatology, the following completed their studies in English language:
 Nee Gervais, born in England

Graduation ceremony on 9 December 2004 – 12.00 (noon)

In the Bachelor degree programme of nursing, branch nursing, the following completed their studies:

Cecilia Gala, born in Nové Zámky
 Michaela Chvalová, born in Prague
 Romana Jehličková, born in Prague
 Lucie Kadidlová, born in Městec Králové
 Radka Kandungová, born in Moravská Ostrava
 Alena Panochová, born in Náchod
 Ingrid Poltavcevoová, born in Voronezh, Russia
 Kateřina Zajíčková, born in Prague

In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:

Daniela Bukovská, born in Karlovy Vary
 Veronika Čábelková, born in Prague
 Veronika Mašková, born in Prague
 Jindřiška Mattasová, born in Prague
 Jaroslav Mičík, born in Tábor
 Hana Neprašová, born in Strakonice
 Štěpánka Prokopová, born in Prague
 Iva Škorpíková, born in Třebíč

In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies with honours:

Lidia Torská, born in Dolyna

In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:

Karin Nechanická, born in Jablonec nad Nisou
 Jana Nováková, born in Jihlava
 Sylvie Pekařová, born in Prague

In the Master degree programme of specialization in health care, branch medical technology and informatics, the following completed their studies:

Jitka Brožová, born in Prague
 Kamila Burešová, born in Prague
 Zuzana Červenková, born in Prague
 Marek Holický, born in Svitavy
 Kateřina Murínová, born in Prague
 Ludmila Nelibová, born in Kladno
 Petra Němečková, born in Jihlava
 Martina Pecková, born in Prague
 Jiří Pelc, born in Prague
 Hynek Volman, born in Duchcov

In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies:

Martina Stiborová, born in Tábor

GRADUATION CEREMONY ON 9 DECEMBER 2004 – 1.30 P.M.

In the Master degree programme of stomatology, the following completed their studies:

Jan Duba, born in Jihlava
 Jomaa Baniowda, born in Tammoun
 Jan Maštálka, born in Ledec nad Sázavou

In the Master degree programme of general medicine, the following completed their studies:

Stanislav Batko, born in Zábřeh
 Miroslav Doul, born in Rakovník
 Jitka Erlebachová, née Šmídová, born in Dvůr Králové nad Labem

Marianna Galovičová, born in Považská Bystrica
 Martin Hlavička, born in Prague
 Markéta Kamešová, born in České Budějovice

Eva Kandertová, born in Prague
 Jan Kašpárek, born in Nový Jičín
 Daniela Lžičarová, née Rathouská, born in Roudnice nad Labem

Helena Neprašová, born in Vlašim
 Tomáš Nováček, born in Sušice

Hana Obeidová, born in Kolín
 Hadi Omran, born in Al Firwanieh, Kuwait
 Almoghrabi Osama, born in Ramallah, Palestine
 Markéta Pastorková, born in Český Krumlov
 Pavlová, born in Příbram

Kamila Pitrová Gabriela, born in Prague
 Hubert Poláček, born in Martin
 Adel Safi, born in Rusaifa, the Hashemite Kingdom of Jordan

Markéta Sedláčková, born in Most
 Adriana Sklenářová, born in Nový Jičín
 Jan Šorf, born in Ústí nad Labem

Iva Václavíková, born in Vsetín
 Alice Václavková, born in Zábřeh
 Pavla Vejvalková, born in Mladá Boleslav

Luboš Zach, born in Slaný
 Jiří Zelenka, born in Žatci
 Kateřina Szpaková, born in Havířov

Graduation ceremony on 9 December 2004 – 3.00 p.m.

In the Master degree programme of general medicine, the following completed their studies:

Marie Bäumelová, born in Rakovník
 Jana Bendová, born in Prague
 Jana Bufková, born in Stod
 Jana Faltová, born in Prague
 Renata Filipová, born in Prague
 Milan Hein, born in Prague
 Gabriela Houšková, born in Prague
 Tomáš Chmelenský, born in Chomutov
 Jan Kaisler, born in Prague
 Eva Koblihová, born in Prague
 Markéta Krylová, born in Přerov
 Miloš Laburda, born in Planá u Mariánských Lázní
 Jan Laczó, born in Prague
 Lenka Novotná, born in Benešov
 Ivana Pechlátová, born in Prague
 Darina Pščolková, born in Prague
 Petr Pumpr, born in Opočno
 Zuzana Rychnová, born in Prague
 Helena Řihová, born in Žatec
 Gabriela Staňková, born in Prague

Petra Šafránková, born in Ostrov

In the Master degree programme of general medicine, the following completed their studies in English language:

Imran Ahmad, born in India

Kulsum Ansari, born in India

Dimitrios Kanakopoulos, born in Greece

Juhee Latoria, born in England

Ian Vasicka, born in USA

In the Master degree programme of stomatology, the following completed their studies in English language:

Christos Lolis, born in Greece



Panoramic view of Albertov – seen from Vyšehrad



View of the area of the Department of Psychiatry, on the left the building of the former Department of Orthopaedics of the First Faculty of Medicine and General Teaching Hospital, in the foreground the villa „America“ (Museum of Antonín Dvořák)

ORGANIZATIONAL CHANGES AND EVALUATION



ORGANIZATIONAL CHANGES AND EVALUATION

In 2003, again, the evaluation of institutions of the First Faculty of Medicine was adjusted to the standard criteria, like the evaluation in the past years. The main change, compared to the past years, is above all the fact that the institutions that teach the subjects for the first year students were given some extra money for salaries, as the number of lessons rose as well due to the increase in the number of both students in the Bachelor degree programmes and – in particular – paying international students.

The table of current evaluation shows the teaching output of the given institution in the academic year 2004-2005 (already including the full scope of tuition for the new two-year follow-up Master programmes in Nursing and in Medical Technology and Informatics, which were introduced two years ago), and also the scientific output of the institution between 1999 and 2003. The switchover to the workplace salary budgets had been fully adopted in the past years, which resulted in a remarkable drop in the number of institutions unable to cope with their labour cost limits. This system of financing salaries, whose introduction shifted the decentralization of the Faculty farther towards increased competence of the particular Heads, was among the factors that remarkably contributed to a relatively favourable development in the Faculty's economy in 2003.

The evaluation chart and the plans of personnel development of the workplaces, as submitted by particular Heads of institutes and clinical departments in 1999, were the main foundation for systematization of particular workplaces, and thus for the switchover to autonomous salary budgets of the institutes and departments in 2000. This year, therefore, the evaluation chart is not – as it was not the last two years either – a foundation for adjustment of the number of the staff at the respective institutions but rather an auxiliary criterion for establishing the said salary budgets at the institutions.

In 2004, the definitive division of the 1st Department of Medicine into the 1st Department of Medicine – Clinical Department of Haematology, the Department of Nephrology, and the Section of Central Haematologic Laboratories took place. Through establishing these new clinical departments, specification of the scope of particular medical clinical departments, which had been in progress at the First Faculty of Medicine and the General Teaching Hospital for three years, made another advance. Another joint educational workplace



Doc. MUDr. Otomar Kittnar, CSc.

Vice-Dean for Development of the Faculty and Dean's Advisor for International Students

opened at the First Faculty of Medicine in 2004 – the Department of Clinical and Experimental Haematology. The establishment of this institution considerably contributed to an increased quality of training in haematology and transfusiology.

In the academic year of 2004–2005, a radical change took place in the professional curriculum of the programme of studies for prospective dentists. This was based on the recommendations of European Union educational programmes. In the six-year programme of stomatology no new students were enrolled, while the training in a new Master degree programme of dentistry started, which is a five-year course. This change, however, has not been accompanied by the promised change in the government subsidy on the students of dentistry yet. Therefore, we have not been able to commence the changes in the evaluation of the theoretical and clinical subjects of the new field so far, although this is necessary, considering the importance of practical training of the dentists-to-be.

In 2004, centralization in operation of the animal quarters was started as well, which resulted in the proposal to establish a new Department of Medical Biomodels at the First Faculty of Medicine.

TUITION OF INTERNATIONAL STUDENTS IN ENGLISH

Tuition of international students in English in special classes (so-called „English parallel“ classes) on self-payment basis represent a considerable source of finance for the Faculty, but above all symbolizes the opening up to the world, which took place at the University after 1989. Recently, this has also been reflected in the number of foreign students coming to the Faculty within the Erasmus/Socrates programmes. The reason is that tuition in English gives them the chance to study some part of their course at the First Faculty of Medicine, which in turn helps to promote the reputation of this Faculty in the world.

The proportions of our foreign full-time students by continents they come from are shown in the enclosed chart and diagrams. An overwhelming majority are students from European countries, whose number has dramatically increased thanks to the enduring effort to win an adequate reputation for the Faculty in the European Union countries, but undoubtedly also due to admission of the Czech Republic to the European Union. However, another important change in the structure of the English parallel classes is a further increase in the number of students from North America and Africa. This is in keeping with the policy adopted by the Faculty management, increasingly oriented towards non-European students. Perhaps the main momentum was the agreement with the government of Botswana, which decided to include our faculty – besides the medical faculties in the Republic of South Africa, Australia and Ireland – among those where Botswanan students will be directed to become physicians. Apart from this agreement, the talks with the Ministry of Health of Malaysia have made headway as well, which should lead to recognition of medical diplomas of our University in the other country, and therefore to the chance for our alumni to work in Malaysia and – for Malaysian students – to study at the Faculty. Another positive aspect is the decision by the Greek authorities to recognize the diplomas received at our Faculty following the studies in English language.

The rise in the number of alumni of the programmes taught in English in the last academic year was also due to the fact that quite a number of students – main-

ly those from Europe – took the advantage of the two-year limit to complete the studies at the Faculty after the admission of this country to the European Union, which made the recognition of their diplomas easier.

The main issue connected with the paying international students which the Faculty has been concerned with in the last few years is the question of quality – this means not only the quality of the teaching process itself but also the quality of the students, who – in future – will reflect the image of this process and its quality. In 2004, the First Faculty of Medicine carried on co-operation with the foundation that assists secondary school students in Great Britain in preparation for university-level studies. We held lectures for those interested in medical studies and their parents in Great Britain, and in the summer months we, like in a few years before, organized the visit of potential applicants for studies at the Faculty. We also intend to organize this event in the coming years, and in 2005 we are – in addition – making arrangements for the visit of potential students together with their parents, which had taken place in 2003 for the first time and is to take place again in the spring. The main point in the prospective students' visit is to win a higher number of potential applicants for the studies at the Faculty and therefore to widen the scope of choice of the students.

Also in the international parallel classes, like in the programmes taught in Czech language, enrolment of new students in the six-year Master degree programme of stomatology was closed, and the training in the five-year Master degree programme of dentistry was opened. This change is particularly important from the point of view of international recognition of our diplomas in the field of dentistry and leads, understandingly, to an increased interest of foreign students in this programme of studies as well.

Further, on enrollment, evaluation of tuition was done by students of the English-taught classes too, which brought some interesting information about the students' opinion on quality of teaching in particular subjects. This evaluation will be continued in the next years as well. An important step was establishing an own students' organization of the foreign self-paying students in 2001, which closely co-operates with Czech students' initiatives and the management of the Faculty. In 2004 this organization further developed its activities, including displaying the proceedings on the web pages of the Faculty.

*Doc. MUDr. Otomar Kittnar. CSc.
Vice-Dean for Development of the Faculty
and Dean's Advisor for International Students*

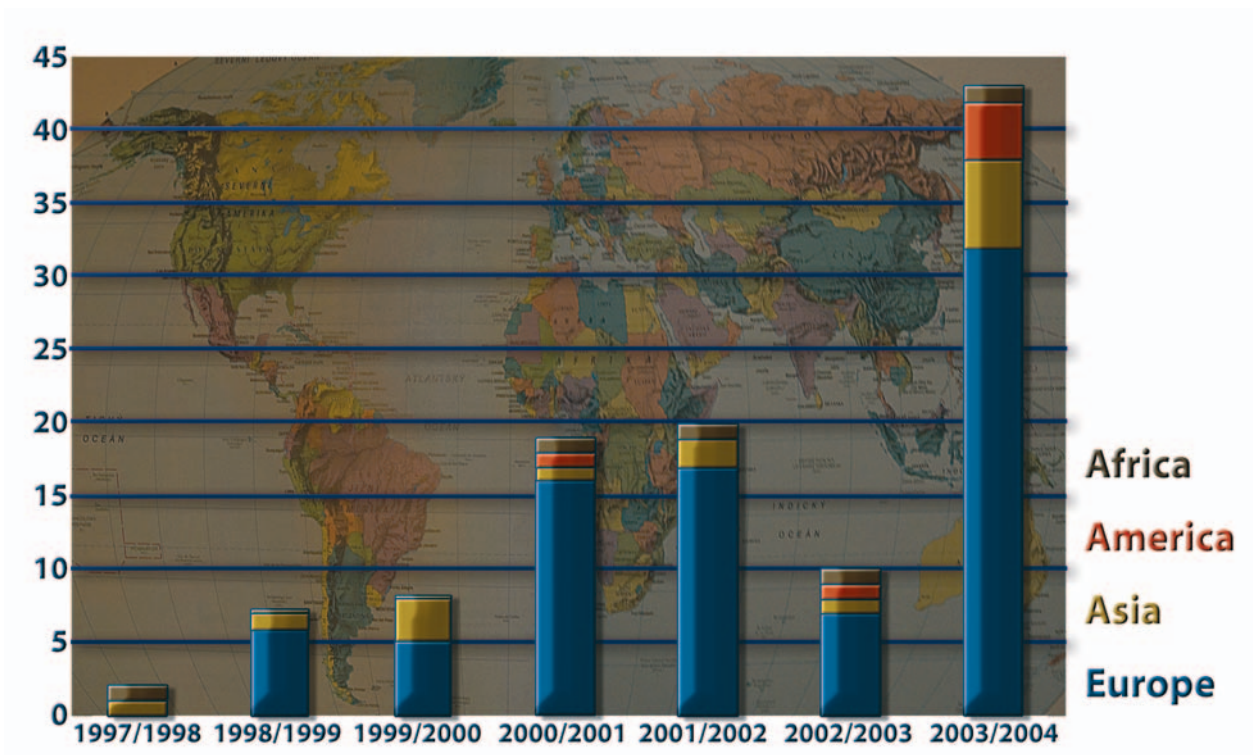


EVALUATION AT THE FIRST FACULTY OF MEDICINE

NAME OF INSTITUTE / DEPARTMENT	Hours taught	Teaching output (per cent)	Points for science 1999-2003	Scientific output (per cent)	Suggested number of staff	Output of Faculty (per cent)
Institute of Anatomy	5,794.0	3.14	3,868.5	2.50	25.1	3.57
Institute of Histology and Embryology	3,045.0	1.65	1,981.4	1.28	12.4	1.77
Institute of Medical Biochemistry	2,880.9	1.56	2,317.9	1.50	13.9	1.98
Institute of Biochemistry and Experimental Oncology	2,955.9	1.60	1,486.9	0.96	11.8	1.68
Institute of Physiology	4,925.5	2.67	4,272.1	2.76	25.0	3.56
Institute of Biology and Medical Genetics	2,457.0	1.33	9,915.8	6.40	32.3	4.60
Institute of Biophysics and Informatics	4,303.3	2.33	2,122.8	1.37	16.0	2.28
Institute of Pathological Physiology	2,977.5	1.61	4,093.8	2.64	20.1	2.87
Institute of Pharmacology	2,847.0	1.54	3,953.4	2.55	18.0	2.57
Institute of Clinical and Experimental Haematology	0.0	0.00	139.7	0.09	0.4	0.05
Institute of Hygiene and Epidemiology	2,375.0	1.29	1,433.9	0.93	10.0	1.43
Institute of Physical Education	4,355.0	2.36	4.0	0.00	9.4	1.34
Institute for History of Medicine and Foreign Languages	4,498.0	2.43	1,036.0	0.67	11.4	1.62
Institute of Humanitarian Studies in Medicine	6,447.0	3.49	1,518.5	0.98	16.9	2.41
Institute of Theory and Practice of Nursing	7,786.0	4.21	345.9	0.22	17.2	2.45
Institute of General Medicine	2,817.5	1.52	328.9	0.21	6.5	0.93
Institute of Social Medicine and Public Health	508.0	0.27	492.5	0.32	1.7	0.25
Institute of Pathology	4,103.5	2.22	1,613.8	1.04	11.0	1.57
Institute of Nuclear Medicine	1,018.8	0.55	937.4	0.61	3.6	0.51
Institute of Immunology and Microbiology	2,652.0	1.44	5,187.6	3.35	14.7	2.10
Institute of Forensic Medicine and Toxicology	1,377.5	0.75	403.4	0.26	4.0	0.56
Institute of Sports Medicine	999.0	0.54	376.1	0.24	3.2	0.46
Institute of Sexology	0.0	0.00	1,135.4	0.73	2.6	0.37
Institute of Inherited Metabolic Disorders	0.0	0.00	6,931.0	4.47	11.6	1.65
Institute of Cellular Biology and Pathology	0.0	0.00	2,176.9	1.41	3.0	0.43
Institute of Clinical Chemistry and Laboratory Medicine	1,052.9	0.57	3,666.6	2.37	7.8	1.11
Department of Paediatrics at TH in Krč	0.0	0.00	93.0	0.06	0.3	0.04
Department of Surgery at TH in Krč	922.5	0.50	254.8	0.16	2.4	0.34
Department of Radiodiagnostics at TH Na Bulovce	25.6	0.01	104.2	0.07	0.2	0.03
Department of Orthopaedics at TH Na Bulovce	50.0	0.03	185.0	0.12	0.3	0.05
Department of Surgery at TH Na Bulovce	922.5	0.50	149.6	0.10	2.2	0.31
Institute of Radiation Oncology at TH Na Bulovce	0.0	0.00	416.3	0.27	0.5	0.08
Department of Plastic Surgery at TH Na Bulovce	922.5	0.50	2.0	0.00	2.3	0.33
Dept. of Gynaecology & Obstetrics at TH Na Bulovce	3,431.3	1.86	274.2	0.18	7.7	1.10
1st Department of Medicine	4,608.3	2.49	5,807.9	3.75	19.4	2.76
Department of Nephrology	0.0	0.00	2,579.7	1.67	3.3	0.47
2nd Department of Medicine	4,285.3	2.32	6,439.3	4.16	19.7	2.80
3rd Department of Medicine	7,647.8	4.14	19,064.7	12.31	45.2	6.44
4th Department of Medicine	5,184.8	2.81	4,844.6	3.13	18.2	2.59
Department of Medicine at Strahov	1,402.8	0.76	910.5	0.59	4.7	0.67
Department of Occupational Diseases	1,042.5	0.56	2,205.9	1.42	5.3	0.76
1st Department of Tuberculosis and Respiratory Diseases	461.3	0.25	1,241.7	0.80	2.8	0.40
Department of Dermatology	2,087.0	1.13	1,573.4	1.02	6.7	0.95
Department of Geriatrics	977.5	0.53	377.9	0.24	2.7	0.38
Department of Neurology	4,252.5	2.30	6,311.5	4.07	19.3	2.75
Department of Psychiatry	4,035.0	2.18	4,664.5	3.01	17.8	2.54
Department of Radiodiagnostics	2,786.9	1.51	1,208.7	0.78	7.7	1.10
Department of Oncology	1,972.5	1.07	1,815.2	1.17	6.8	0.97
Department of Rehabilitation Medicine	3,716.3	2.01	589.0	0.38	9.5	1.36
Department of Rheumatology	937.5	0.51	3,948.8	2.55	7.6	1.08
Department of Spa Medicine	240.0	0.13	4.0	0.00	0.5	0.07
Department of Paediatrics and Adolescent Medicine	7,026.0	3.80	7,741.5	5.00	27.5	3.91
1 st Department of Surgery	5,241.6	2.84	1,783.8	1.15	14.0	1.99
3 rd Department of Surgery	2,433.2	1.32	850.0	0.55	6.6	0.95
2 nd Department of Surgery	3,431.7	1.86	787.8	0.51	9.4	1.34
Department of Anaesthesiology and Resuscitation	2,038.3	1.10	417.6	0.27	5.4	0.78
Department of Orthopaedics at TH Motol	1,897.5	1.03	975.0	0.63	6.2	0.88
Department of Urology	1,845.0	1.00	1,733.5	1.12	6.6	0.94
Department of Otorhinolaryngology at TH Motol	1,878.0	1.02	1,182.5	0.76	6.0	0.86
Department of Phoniatrics	205.0	0.11	228.7	0.15	0.9	0.13
Department of Ophtalmology	1,980.5	1.07	1,995.1	1.29	8.1	1.15
Institute of Dental Research	0.0	0.00	824.9	0.53	2.0	0.28
Department of Stomatology	22,453.6	12.15	2,215.5	1.43	52.8	7.52
Department of Gynaecology & Obstetrics	3,701.3	2.00	4,006.6	2.59	14.2	2.02
3rd Dept. of Infect. & Tropical Diseases at TH Na Bulovce	4,064.5	2.20	1,727.6	1.12	11.4	1.63
Department of Neurosurgery at Central Army Hospital	1,845.0	1.00	1,550.8	1.00	6.5	0.92
Department of Pneumology at TH in Krč	461.3	0.25	67.5	0.04	1.1	0.15
Institute of Scientific Information	165.0	0.09	26.9	0.02	0.4	0.06
Total	184,755.6	100	154,921.7	100	702	100

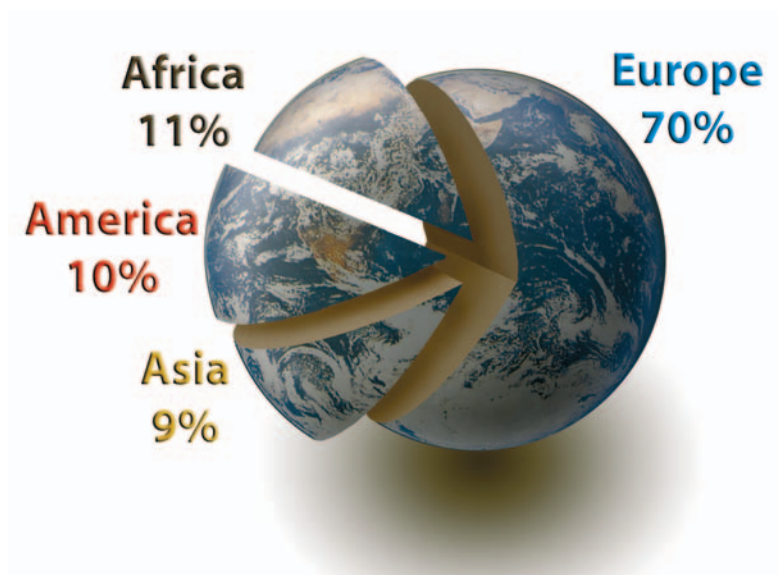
ALUMNI OF THE PROGRAMMES OF STUDIES TAUGHT IN ENGLISH

ac. year	Europe	Asia	America	Africa	total
1997/1998	0	1	0	1	2
1998/1999	6	1	0	0	7
1999/2000	5	3	0	0	8
2000/2001	16	1	1	1	19
2001/2002	17	2	0	1	20
2002/2003	7	1	1	1	10
2003/2004	32	6	4	1	43
total	83	15	6	5	109

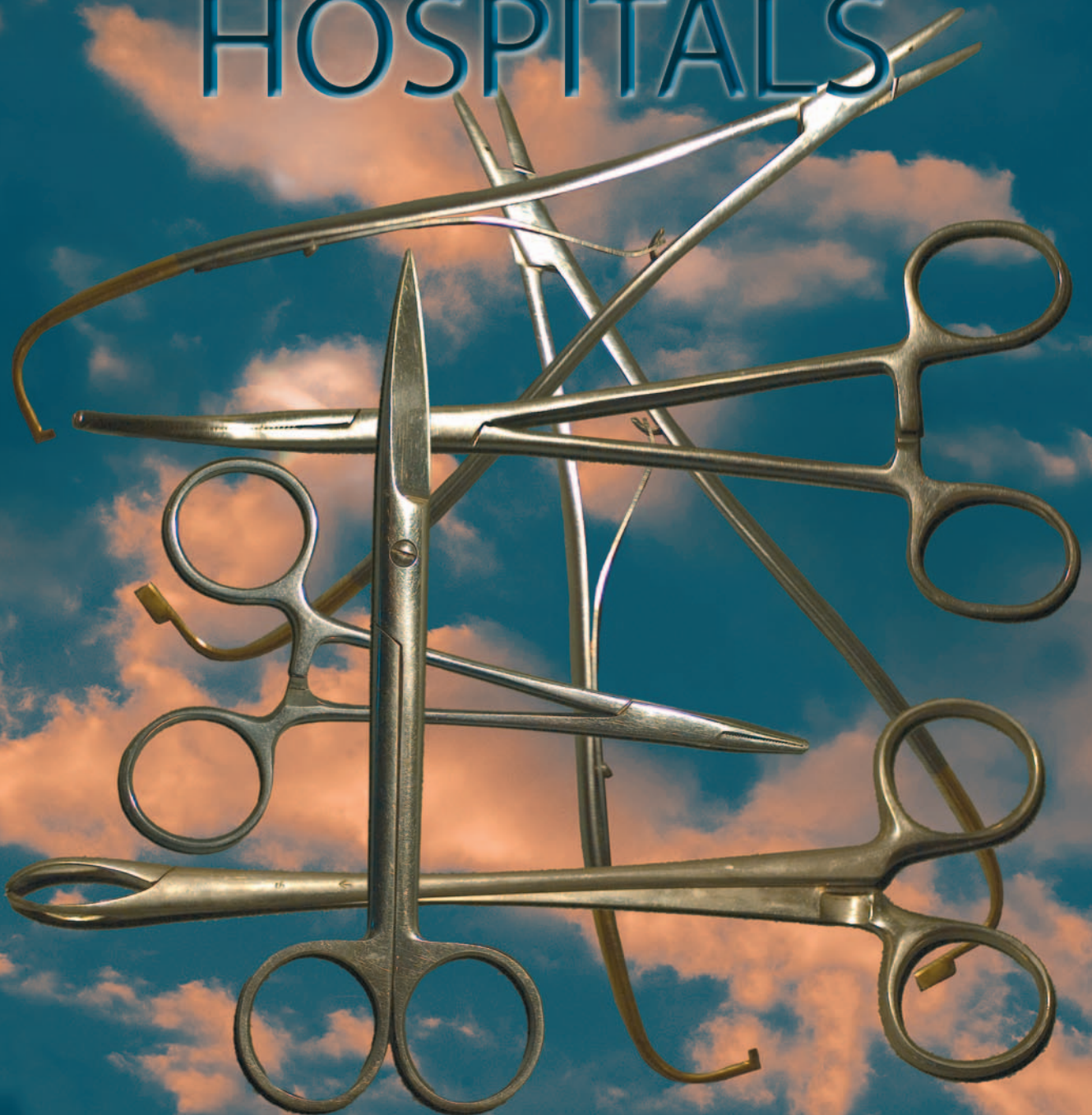


STUDENTS OF THE PROGRAMMES OF STUDIES TAUGHT IN ENGLISH

study year	Europe	Asia	America	Africa	total
1 st	83	7	11	10	111
2 nd	23	5	4	14	46
3 rd	10	3	2	0	15
4 th	14	1	1	0	16
5 th	11	3	2	2	18
6 th	35	3	5	1	44
total	176	22	25	27	250



CLINICAL TEACHING AND RELATIONS TO TEACHING HOSPITALS



CLINICAL TEACHING AND RELATIONS TO TEACHING HOSPITALS

From the aspect of clinical teaching and relations of our Faculty to the teaching hospitals, 2004 was a successful year. In some of the Faculty institutions, changes in organization were done, the technical support for teaching improved, some new textbooks were published, many of the Faculty teachers were granted awards for their scientific activities and publications, and our teachers read lessons for students of some other faculties of Charles University in Prague, or at other universities. Clinical teaching benefits from modernization of equipment and innovation of diagnostic and therapeutical techniques at the clinical bases.

Under the direction of the staff of the Institute of Clinical Chemistry and Laboratory Medicine, for instance, mutation analyses are performed for other institutions in partnership: with the Institute of Biology and Medical Genetics, mutations in the MYH gene (MUTYH) are analysed, and with the Institute of Haematology and Blood Transfusion analysis of the gene for factor VIII is done. Introduction of a real-time quantitative RT-PCR enables, in co-operation with the 3rd Department of Medicine, to study the expressions of adipocyte hormones, as well as the genes which they regulate, in patients with disorders of intermediary metabolism. Also in 2004, research studies were commenced into the functional impact of mutations in the BRCA1 gene in vitro in co-operation with the Laboratory of Cell Biology of the Institute of Molecular Genetics of the Academy of Sciences of the Czech Republic. Substantially extended was the pharmacogenomic part of the research, focused on study of the influence of mutations in the DPD gene on incidence of serious toxicity in patients treated with fluoropyrimidines. The following members of staff of the Institute of Clinical Chemistry and Laboratory Medicine were granted special awards: Marta Kalousová, the 2003 Jan Brod Prize winner, was honoured by the Paul Jannsen Endowment Fund award for the best publication in the field of nephrology; M. Kalousová, T. Zima, V. Tesař, S. Sulková and L. Fialová by the Czech Association of Clinical Biochemistry award for the best publication in the field of clinical biochemistry and laboratory medicine; and Petr Kocna by the Czech Association of Nephrology award for tuition and education in the field of clinical biochemistry and laboratory medicine for a set of multimedia educational materials, available on-line on the Internet as well as on CD-ROM.

For many years, the Institute of Biology and Medical Genetics have provided tuition for students of some other faculties as well in the following subjects: clinical genetics for students of the Faculty of Education, field special pedagogy; genetics of the human, and immunogenetics and genetics of tumour growth for students of the Faculty of Natural Science (Department of Anthropology and Human Genetics). The Institute of Cell Biology and Pathology organized the workshops „Autoimmunity and Cell Biology” and „Imaging at the cutting edge: From Cells to Molecules” at its premises. In

February 2004, the Department of Gastroenterology and Hepatology of the First Faculty of Medicine and the Central Army Hospital was established at the Faculty. At this department, equipment was installed to enable tele-teaching and tele-conferences from the endoscopic unit to the lecture hall of the clinical department. A Scope Guide apparatus was put into exploitation for tuition of coloscopic examination. The Department of Geriatrics of the First Faculty of Medicine supervises the recently established European programme „European Master Degree in Gerontology”, run by a consortium of several European universities as a two-year Master degree programme of studies. At the moment, two education modules are offered for foreign students in this programme (within the ERASMUS programme). From the Department of Gynaecology and Obstetrics of the First Faculty of Medicine at the Teaching Hospital Na Bulovce originated the publication by M. Halaška et al.: *Urogynekologie* (Urogynaecology), Galén 2004. The 2004 Prize by the Minister of Health was awarded to doc. MUDr. David Cibula, CSc., of the Department of Gynaecology and Obstetrics; and the Grada publishing house 2003 annual award to prof. PhDr. Jan Vymětal, of the Institute of Humanitarian Studies in Medicine, for the publication of *Úvod do psychoterapie* (Introduction to Psychotherapy). The Institute of Hygiene and Epidemiology of the First Faculty of Medicine organized a joint seminar with the Department of Analytical Chemistry of the Faculty of Natural Science of Charles University; the two institutions are members of the UNESCO Trace Element Satellite joint workplace.

By decision of the management of the Teaching Hospital Na Bulovce, the former section of thoracic surgery of the Institute of Pneumology and Lung Surgery of the Teaching Hospital Na Bulovce was incorporated into the Department of Surgery at the Teaching Hospital Na Bulovce. Thereby, some members of staff as well as patients were nominally transferred to the Department of Surgery at the Teaching Hospital Na Bulovce. In 2004, the septic ICU at the above Department of Surgery was refurbished and extended from 6 to 8 patient beds. Prof. MUDr. František Antoš, CSc. organized the „First Joint ECCP/EACP Meeting” in Prague.

The Department of Surgery at the Thomayer Teaching Hospital in Krč opened the refurbished parts of the clinical department, including two new operating theatres and a new ward enabling to provide patient beds above the usual standard. This allowed us to widen the range of operations performed and to include the full scope of thoracic surgery, with mini-invasive diagnostic and therapeutical techniques. Thoracic surgery at the Thomayer Teaching Hospital provides complex care for patients with lung diseases as well as diseases of the thoracic wall and mediastinum, who undergo the diagnostic procedures at the Department of Tuberculosis and/or Respiratory Diseases or at the Lung Infirmary in Prosečnice.

In 2004, the definitive division of the 1st Department of Medicine into the 1st Department of Medicine – Clinical Department of Haematology, the Department of Nephrology, and the Section of Central Haematologic Laboratories took place. Of the haematologic laboratory facilities, only the morphologic laboratory, cellular therapy laboratory and laboratory of molecular biology remained within the new 1st Department of Medicine. Separated from the clinical part of the haematologic out-patient facilities was the Thrombotic Centre, which was attached to the laboratory complement of the new Central Haematologic Laboratories. Prof. MUDr. Pavel Klener, DrSc. was awarded the Charles University Rector's Prize for the textbook *Vnitřní lékařství* (Internal medicine).

The Laboratory of Clinical Immunology, Department of Clinical Microbiology and the ATB Centre of the General Teaching Hospital have been incorporated into the Institute of Clinical Chemistry and Laboratory Medicine since 4th October 2004. An integrated infection laboratory was opened in a festive mood on 12th October 2004. The Institute provides teaching on clinical immunologic problems in the form of particular lectures within the cycles on internal medicine, surgery etc., which are organized by the respective departments.

At the 3rd Department of Infectious and Tropical Diseases at the Teaching Hospital Na Bulovce, Ward 2-V was re-opened in 2004 after reconstruction, which caters for in-patients with infectious hepatitis of all types, tropical infections, zoonoses and lymph node syndromes.

Prof. MUDr. Jiří Zeman, DrSc., of the Department of Paediatrics and Adolescent Medicine, and the team were awarded the 2004 Prize by the Minister of Health for the best grant project of the year at the Ministry of Health Grant Agency. The Institute of Inherited Metabolic Disorders organized the course FEBS : MICROARRAY TECHNOLOGIES IN BIOMEDICAL RESEARCH. The course was focused on a new method of analysis of the human genome – DNA chips, and its application in medical and biomedical research.

The Department of Neurosurgery won, within the Central Army Hospital, an internationally recognized accreditation of the quality of care by the Joint Commission International. The staff of the Department of Neurology provide the tuition in neurology for students of the Faculty of Education, field special pedagogy. Dr. Kamila Řasová was honoured at the 20th Congress of the European Committee for Treatment and Research in Multiple Sclerosis and the 9th Annual Meeting of Rehabilitation in MS Vienna in 2004, for her contribution to science in rehabilitation medicine.

Within the Institute of Sports Medicine, the activity of the Reconditioning Centre is carried on, with more than 1,700 members registered. For the students and staff members, they organized two skiing trips to Austria, one skiing trip to France, a one-week canoeing trip

on the Vltava River, two sessions of the staff recreation camp at Dobronice, a summer sporting tourist trip to Croatia, a summer sports course in Italy, four cycles of massage classes for the students of the Faculty, and the 8th annual Ball Triathlon with about 90 students participating, sponsored by the Zentiva a.s. company.



Prof. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Teaching and Relations to the Teaching Hospitals

In the new academic year, the Department of Otorhinolaryngology and Head Surgery at the Teaching Hospital in Motol re-organized the undergraduate training. The credit system was introduced. Particular sections of tuition are assigned credit points considering their importance. The students are told about the minimum number of credit points to pass the subject successfully. The maximum number of points for the organized part of training is 270 points. The limit required for awarding the credits is 230 points. The points gained are always confirmed by the teacher in the placement chart following the completion of a tuition unit. This system provides the students with a wide offer of facultative subjects, when they take part in the everyday operation of the clinical department in out-patient facilities, wards and operating theatres in the form of so-called shadowing. A student can be included in the schedule of operations to assist, too. These facultative activities are scored with the respective number of

points, as well, which are included in the total number of points necessary to gain the credits. Within the field, therefore, the students can choose a more theoretical or more practical bias of training, considering their own interest. For particular bedside placements, the students are divided into 4-5 groups (depending on the total number of students, with not more than 6 students in each group), and in these groups they gradually get familiar with the whole scope of patients at the clinical department as well as with particular differences in organization and work of all parts of the department.

The most important event at the Department of Orthopaedics at the Teaching Hospital Na Bulovce was organization of the 8th congress of the Czech Association for Orthopaedics and Traumatology on the occasion of the 50th anniversary of the establishment of the orthopaedic department at Na Bulovce. At this clinical department, the medical students have a chance – within their voluntary activities – to visit the traumatologic out-patient outpatient facilities of the department, taking an active part in treating the patients at the Prague Traumacentre and even participate in operations on these patients.

Reconstruction of the Institute of Pathology of the First Faculty of Medicine also involved setting up new laboratories, including the Laboratory for Molecular Pathological Diagnostics. At the Department of Plastic Surgery at the Teaching Hospital Na Bulovce, a new textbook for the students of the Faculty was completed by Měšťák, J., et al.: *Základy plastické chirurgie* – (Basic Plastic Surgery, Karolinum, Prague 2004), and the monograph by L. Dražan and J. Měšťák: *Rekonstrukce prsů po mastektomii* (Reconstruction of Breasts following Mastectomy, Grada Publishing). In 2004, members of the staff of the Department of Psychiatry were awarded the A. Alzheimer Prize, the prize of the Czech Neuropsychopharmacologic Society, and the Vondráček Prize.

At the Department of Radiodiagnostics at the Teaching Hospital Na Bulovce, the intervention method of radio-frequency ablation, applied to the liver, bone, lungs and soft tissues, was introduced, and prof. MUDr. Josefa Bohutová, DrSc., was awarded a diploma of honour by the Association of Intervention Radiologists of the J. E. Purkinje Czech Medical Society for her enduring contribution to the development of angiography and intervention radiology.

The Department of Rehabilitation Medicine achieved a success in the 6th European Union programme with the project *Measuring Health and Disability in Europe: supporting policy development*, which will be launched in 2005, and also as one of the partners in the Initiative Programme EU EQUAL in the project *Rehabilitation – Activation – Work*. The Czech-French association PARTNERSTVÍ – PARTNERIAT enabled fellowships of our students in France and co-operation in the field of rehabilitation. The Department of Rehabilitation Medicine provides tuition in the subject Clinical Diagnostics at the Faculty of Electrical Engineering of the Czech Technical University in Prague, and also at the Faculty of Physical Education and Sport of Charles University for the students of the Master degree programme of Physical and Work Education of the Disabled, at the Faculty of Health and Social Sciences of the University of South Bohemia. Doc. MUDr. Jiří Votava, CSc. was elected a member of the committee and the scientific

secretary of the Association of Rehabilitation and Physical Medicine of the J. E. Purkinje Czech Medical Society. The Department of Rehabilitation Medicine also underwent evaluation of quality of the Bachelor degree programme of studies in Occupational Therapy in the form of peer review by the organization ENOTHE (European Network of Occupational Therapy in Higher Education). In 2003 the First Faculty of Medicine entered the pilot group of six schools (Denmark, France, Finland, Austria, Switzerland, Czech Republic) in which evaluation of quality of programmes of studies was done by trained instructors between November 2003 and June 2004. The international evaluation of quality of tuition at the Faculty is linked to the acquisition of accreditation for the programme of Occupational Therapy by the World Federation of Occupational Therapists (WFOT) in Stockholm in 2000. Further, development of the programme of the day care clinic at 7 Albertov for the severely impaired, with a special focus on brain impairment, was carried on, translations of functional diagnostic methods were done and their implementation was undertaken. For the programme of the day care clinic, a subsidy by the Ministry of Health of the Czech Republic from the National Scheme for Promotion of Equal Chance for the Disabled was won. At the clinical department, the SPURP civic association (Association for Comprehensive Rehabilitation of the Disabled) is active, which managed to win subsidies from the Ministry of Labour and Social Affairs and from the City Council of Prague. The REHALB charity arose, associated to the Department of Rehabilitation Medicine, headed by prof. MUDr. Jana Pfeiffer, DrSc. The aim of the charity is to raise funds as well as to procure equipment to improve the quality of teaching and rehabilitation of the patients at the department, the quality of technological support and the overall appearance and environment of the department. Prof. MUDr. Jan Pfeiffer, DrSc. and MUDr. Olga Švestková, PhD., are members of the committee of the national charity Academy of Labour and Health of the Czech Republic and co-operate with the Ministry of Labour and Social Affairs in the field of work rehabilitation. The civic association Cerebrum was established at the Department for the patients and the families of patients with brain damage. In co-operation with REHALB, they organized two one-week rehabilitation stays in the mountains, which were aimed at training of self-care activities. They also started co-operating with the civic association Ceres (patients with disseminate sclerosis), which takes social consultation at the clinic and whose members are admitted at the Department if need be. The Department of Rehabilitation Medicine also co-operates with the Jedlička Institute and its school both in education and in rehabilitation of persons with severe impairment, with job centres in work rehabilitation, and with civic associations of the disabled (e.g. Diakonie). In the basement of the Department of Rehabilitation Medicine, reconstruction was completed and a small classroom was created; there are also therapeutical workshops, which serve both for tuition and for the patients of the Department, and some new rooms for physiotherapy. There is also an electric travelator with the Active Trainer suspension apparatus available in the basement of the Department of Rehabilitation Medicine.

At the Department of Rheumatology, a team of authors of the book *Klinická revmatologie* (Clinical rheu-

matology) was awarded the Prize of the Rector of Charles University and – at a time – the Prize of the Czech Association of Rheumatology for the best publication of 2004. In the same year, the Prizes of the Czech Association of Rheumatology for the best publications were also awarded to prof. MUDr. Jiří Venkovský, CSc., and prof. MUDr. Karel Pavelka, DrSc. At the Institute of Social Medicine and Public Health, lecture rooms and some other rooms were re-opened, refurbished after the fire in Faust House in 2004. The Institute of Sports Medicine published the book *Tělovýchovné lékařství* (Sports medicine) by Z. Vilikus, P. Brandejský P. and V. Novotný, and started co-operation with the Reconditioning Centre of the Institute of Sports Medicine and the Medicina sports club. The Institute of Forensic Medicine and Toxicology provided tuition in the facultative subject Analytical Toxicology also for the students of the Faculty of Natural Science of Charles University, including the examination. The 1st Department of Tuberculosis and Respiratory Diseases purchased a new computer-aided cytological microscope for both undergraduate and postgraduate teaching.

The Institute of Haematology and Blood Transfusion closely co-operates with the 1st Department of Medicine in undergraduate education of the students of the Faculty. In 2003, a joint educational workplace was established as the Institute of Clinical and Experimental Haematology of the First Faculty of Medicine, and prof. MUDr. Pavel Klener, DrSc. was charged with the leadership. Establishment of this institution considerably contributed to higher quality in the tuition of haematology and transfusiology. The Institute provides tuition of basic subjects in haematology, concerning transplantation of haemopoietic cells, acute conditions in haematology, myelodysplastic syndrome and marrow inhibitions. The transfusiologic section educates the students in the fields of transfusion medicine, aferetic donor and therapeutical techniques, immunohaematology and problems of cell cryopreservation. In co-operation of the Institute with the General Teaching Hospital and the First Faculty of Medicine, a joint workplace of tumour cytogenetics and a national register of transplantations (by the Institute and the 1st Department of Medicine) have been run for two years. Prof. MUDr. Pavel Klener, DrSc., won the award for his book *Klinická onkologie* (Clinical oncology).

Thanks to the common effort by the management of the First Faculty of Medicine, the General Teaching Hospital and the Institute of Nuclear Medicine, the adverse trends in technological equipment and staff were neutralized, which had occurred due to retirement of three experienced employees at the end of 2003. Two scintillation cameras virtually out of order were put out of operation, and other two will be disused in 2005. Two new tomographic cameras were installed, one of them equipped with the device for correction to atten-

uation and orientation anatomic correlation of emission images on the basis of x-ray non-diagnostic CT of the Hawkeye type. This is the first integrated SPECT/CT apparatus in the Czech Republic. By the number and technologic state of the cameras, this workplace has got to a level that stands comparison with any other institutes of nuclear medicine in the country, and it is capable of meeting the current needs in scintigraphic diagnostics at the General Teaching Hospital. In case of further integration of the General Teaching Hospital with the Teaching Hospital Na Bulovce and the Thomayer Teaching Hospital, it will be necessary to complete the technologic equipment not only with some other SPECT systems but – above all – also with positron emission tomography (PET).

At the Department of Urology, MUDr. Radim Kočvara, CSc., was awarded the 1st Prize for the best publication of 2004 by the Czech Association of Urology of the J. E. Purkinje Czech Medical Society.

Prof. MUDr. Tomáš Hanuš, DrSc., is the co-author of the monograph *Neurogenic bladders*, awarded the 1st Prize in the BMA competition, which is an equivalent of the Pulitzer Prize for journalism. Further, he was a lecturer in the one-week European Urology Residents Educational Programme (EUREP), was nominated to the expert commission of WHO-ICS (International Consultation on Continence), is a member of the working group of the European Association of Urology for preparation of the Guidelines in Urology, was elected the Secretary Elect of the European Board of Urology (UEMS), and – together with doc. Radim Kočvara and doc. Marek Babjuk – read lectures in the European School of Urology.

The Institute of General Medicine published the textbook *Primární péče - Praktické lékařství* (Primary care: Practical medicine) at the Karolinum publishing house in 2004. This is the first available comprehensive text for tuition of the subject of Primary Care in the Czech Republic. For the purposes of both undergraduate and postgraduate education as well as the project Informed Self-care, the first series of role-play video-consultations from a general practitioner's surgery was shot. Dr. Bohumil Seifert is a member of the working group for ensuring quality in primary care of Equip, one of the key networks of the European organization of general practitioners of WONCA. He also participated in preparation of the publication of European projects for promotion of quality (*Improving patient care in primary care in Europe*).

Theoretical activities and scientific research together with the widening scope of therapeutical and prophylactic activities of particular institutes and departments undoubtedly resulted in an increased workload of the teaching staff, but also provided the students with a more complex insight into contemporary medicine. And this is surely a correct trend for our Faculty.

*Prof. MUDr. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Education
and Relations to the Teaching Hospitals*



In the fall a beautiful textbook „Urogynaecology“ (Urogynekologie) of the author Michael Halaška was publicly launched in the Academic Club of the First Faculty of Medicine. The book had two patrons – professor Pavel Klener (the first from the left) and professor Evžen Čech (the third from the left)



Public launch of the book „History of medicine in Czech countries“ (Dějiny lékařství v českých zemích) by the authors Petr Svobodný and Ludmila Hlaváčková. Patrons of the book were professor Pavel Klener (the second from the left) and professor Josef Koutecký (the fourth from the left)

MANAGEMENT



THE FIRST FACULTY OF MEDICINE – MANAGEMENT

DEAN'S OFFICE BOARD, BY 31ST DECEMBER 2004

Dean: prof. MUDr. Štěpán Svačina, DrSc., MBA

Vice-Deans:

prof. MUDr. Stanislav Štípek, DrSc.

First Vice-Dean and Vice-Dean for Education and Social Affairs of Students

doc. MUDr. Petr Bartůněk, CSc.

Vice-Dean for Lifelong Learning and Health Care Branches

prof. MUDr. Michael Halaška, DrSc.

Vice-Dean for International Relations and Vice-Dean for Representation of the Faculty

prof. MUDr. Tomáš Hanuš, DrSc.

Vice-Dean for Clinical Education and Relations to the Teaching Hospitals

doc. MUDr. Otomar Kittnar, CSc.

Vice-Dean for Development of the Faculty and Dean's Advisor for International Students

prof. MUDr. Jiří Mazánek, DrSc.

Vice-Dean for Stomatology and Dentistry

prof. MUDr. Vladimír Tesař, DrSc., MBA

Vice-Dean for Scientific Work and Research

Ing. Eva Soubustová, MBA

Bursar of the Faculty

Martin Kucharík

Ondřej Kubínek

Petra Pilcová

Irena Sinecká

Edgar Oganessian

Jan Stuchlík

Milan Tomka

Pravin Sreedharan

NEW COMPOSITION OF THE ACADEMIC SENATE (SINCE 13TH DECEMBER 2004)

Teachers' representatives:

Doc. MUDr. RNDr. Jiří Beneš, CSc.

Prof. MUDr. Petr Broulík, DrSc.

MUDr. Martin Holcát

Doc. MUDr. Richard Češka, CSc.

Prof. MUDr. Přemysl Strejč, DrSc.

Prof. MUDr. Aleš Linhart, DrSc.

Doc. MUDr. Bohuslav Matouš, CSc.

Doc. MUDr. Ivan Matouš-Malbohan, CSc.

MUDr. Petr Sucharda, CSc.

Prof. MUDr. Alois Martan, DrSc.

Prof. MUDr. Karel Šonka, DrSc.

MUDr. Tomislav Švestka

Doc. MUDr. Eva Havrdová, CSc.

Prof. MUDr. Tomáš Zima, DrSc., MBA

Doc. MUDr. Aleš Žák, DrSc.

ACADEMIC SENATE (BY 12TH DECEMBER 2004)

Chairman: MUDr. Jan Bruthans

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

Teachers' representatives:

doc. MUDr. RNDr. Jiří Beneš, CSc.

prof. MUDr. Petr Broulík, DrSc.

MUDr. Jan Bříza, CSc.

doc. MUDr. Richard Češka, CSc.

MUDr. Norbert Gaier, CSc.

doc. MUDr. Jaromír Křemen, CSc.

doc. MUDr. Ivan Matouš-Malbohan, CSc.

doc. MUDr. Bohuslav Matouš, CSc.

MUDr. Petr Sucharda, CSc.

prof. MUDr. Sylvie Dusilová-Sulková, DrSc., MBA

prof. MUDr. Karel Šonka, DrSc.

MUDr. Tomislav Švestka, DrSc.

doc. MUDr. Jiří Votava, CSc.

prof. MUDr. Tomáš Zima, DrSc., MBA

doc. MUDr. Aleš Žák, DrSc.

Students' representatives:

Bc. Marek Hilšer

MUDr. Štěpánka Bálková

Martin Bláha

MUDr. Jan Bruthans

MUDr. Jiřina Hoffmannová

MUDr. Edgar Oganessian

MUDr. Irena Sinecká

Pravin Sreedharan

Marta Belišová

Āneta Krajcová

Štěpán Sulek

MUDr. Pavel Šnajdr

Marie Bubalová

Kamal Mezian

Gajan Chellappah

SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE BY 31ST DECEMBER 2004

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prof. MUDr. Michael Aschermann, DrSc.

prof. MUDr. Vladimír Bencko, DrSc.

prof. MUDr. Jan Betka, DrSc.

doc. MUDr. Jan Daneš, CSc.

prof. MUDr. Pavel Dungl, DrSc.

prof. MUDr. Jan Dvořáček, DrSc.

Students' representatives:

Štěpánka Bálková

Martin Bláha

Eitan Brizman

MUDr. Jan Bruthans

Bc. Marek Hilšer

Jiřina Hoffmannová

Tomáš Kadlas

prof. MUDr. Miloš Grim, DrSc.
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 prof. MUDr. Stanislav Štípek, DrSc.
 prof. MUDr. Vladimír Tesař, DrSc., MBA
 prof. MUDr. Stanislav Trojan, DrSc.
 prof. MUDr. Martin Vízek, CSc.
 prof. PhDr. Jan Vymětal
 prof. MUDr. Jiří Zeman, DrSc.
 prof. MUDr. Jaroslav Živný, DrSc.

External members of the Scientific Board:

MUDr. Pavel Bém
 prof. MUDr. Evžen Čech, DrSc.
 prof. MUDr. Jiří Duchoň, DrSc.

doc. Ing. Jan Evangelista Dyr, DrSc.
 prof. MUDr. Miloš Hájek, DrSc.
 prof. Ing. Jan Hálek, CSc.
 MUDr. Petr Jandl, CSc.
 prof. MUDr. Adam Jirásek, DrSc.
 prof. RNDr. Milan Kodíček, CSc.
 prof. Ing. Svatava Konvičková, CSc.
 RNDr. Jaroslav Kuneš, DrSc.
 prof. MUDr. RNDr. Luboslav Stárka, DrSc.
 prof. MUDr. Josef Syka, DrSc.
 prof. MUDr. Helena Tlaskalová, DrSc.
 MUDr. Štefan Vítko, CSc.

Foreign honorary members of the Scientific Board:

prof. Dr. med. Severin Daum
 prof. Dr. Josef Kadlec, S. J.
 prof. Dr. Jan Klášterský
 prof. Dr. Jiří Městecký
 prof. Dr. J. T. Prchal
 prof. Dr. Alexandr Schirger
 prof. Dr. Emil Skamene
 MUDr. Tomáš Klíma, CSc.
 Eugene Garfield, Ph.D.
 prof. MUDr. Adolf Stafel, Ph.D.



Dean's office board of the First Faculty of Medicine



View of the Third Medical Clinic – Clinical Department of Endocrinology and Metabolism of the First Faculty of Medicine and General Teaching Hospital at Charles Square



General Teaching Hospital in Prague

MANAGING DIRECTOR



MANAGING DIRECTOR OF THE HOSPITAL

Dear colleagues and students,

it has been a tradition that the Annual Report of the First Faculty of Medicine of Charles University in Prague also includes the Managing Director's report on the activities of the General Teaching Hospital in Prague. No doubt, the life of the hospital with its achievements and setbacks, reflects immediately in the activity of our biggest medical faculty. Although the Faculty has established its workplaces at several other hospitals in Prague, nevertheless it is still most closely connected with the General Teaching Hospital.

For the General Teaching Hospital, 2004 was a successful year from the economic aspect. While 2003 ended up in the red for more than 400 million Czech crowns (CKR), 2004 was a year when we managed to keep the financial balance. Hardly anyone had believed that this would be possible, and many were afraid of the future turns. Therefore, we might be happy. However, there still are some long-standing trends which are very harmful for health care and education in this country in general. For more than ten years we have realized how difficult it is to harmonize the common functioning of two institutions which are incorporated in one body. How difficult such a co-existence is when we lack money, a national concept of health care and proper legislation too. The proclaimed free health care for all, education as a priority, support of science, every day all that is confronted with compromises due to the lack of finance, with compromises that both teachers and physicians make in their lives as well as in their jobs, standing at the patient and considering how big costs for the treatment and care are sustainable, or considering whether to favour their academic careers or commercial earnings, or both- but in what proportion? It is not always that important whether the plaster is falling off our façades or whether the public conveniences date back to the revolution or even before, but sometimes – nonetheless – it *is* important. The balanced economy of the General Teaching Hospital meant to cut short the investments, to cut short the development of invasive cardiology, and the greatest actions of the past year were only financed out of donations.

The proof to that is the refurbishing of the intensive care unit for children at the Department of Paediatrics and Adolescent Medicine as well as purchases of medical equipment at many departments and institutes. After the years of worry, the 2nd Department of Surgery was put into full operation following the reconstruction, and we are proud of it. It shows how could all our facilities look like if we had the possibilities.

In the last year, however, also some unexpected upheavals occurred. Twice there was a replacement at the post of the Minister of Health, and these changes, incidentally, revived the long-discussed idea of merging the Prague's three teaching hospitals. It was the Academic Senate of this Faculty who recalled this idea, and the concept – at least for the first few months – was born. It is a clear vision, which also provides the



*MUDr. Pavel Horák, CSC., MBA
Provisional Managing Director of the Hospital*

much-sought potential for finding the internal resources to transform the hospitals of Prague for a new era. If it were complemented with an appropriate project by the Ministry of Health, directed towards a complex solution of the dichotomy in organization, property and status of our allied teaching hospitals, it would give a momentum for the development of the University, health care in Prague and scientific activity. If this development were accompanied by a reasonable agreement between the so far competing hospitals and medical faculties, it would be a great benefit for the students, patients and staff of all the institutions concerned. It is mainly thanks to the staff that in 2004 we managed to stabilize the General Teaching Hospital and maintain it as a health care facility that is still a safe refuge for those patients who come with conditions that cannot be managed elsewhere.

Medicine keeps progressing rapidly, and so do the demands of our clients as well as expectations of both national and municipal authorities. The fact that we manage to get everything we need for a highly qualified care, tuition and research, including experimental therapy, and to keep the staff who are able to do all that, is an achievement paid by the still heavier stress in both managers and ordinary employees, still more difficult compromises, and still higher work strain. It is excellent that the relations between the Hospital and the Faculty have been so good for years – for such a long time that we tend to keep them for granted.

Nevertheless, there are some problems that cannot be solved even with so wonderful relations. One example is the awkward situation about the dental profession.

Our asset is a competent team of managers at all levels, who are confident in the success, as well as thou-

sands of selfless and educated employees at both medical and non-medical workplaces. Our advantage is the idea of co-operation and concerted activity with the Thomayer Teaching Hospital and the Teaching Hospital Na Bulovce, which will mean a chance for everyone if it makes its way. I would like to say thank you and pay tribute to all the teachers, physicians, nurses, engineers

and other workers in various occupation for their painstaking and dedicated work for the Hospital and its patients in 2004. I would like to wish more years of success for all of us and express the promise that we shall carry on the efforts to change old stereotypes, with the aim to create up-to-date functioning centres of academic medicine, which will be approached by the clients with confidence.

*MUDr. Pavel Horák, CSc., MBA
Managing Director of the General Teaching Hospital
in Prague, Thomayer Teaching Hospital with Poli-
clinic, and Teaching Hospital Na Bulovce*



A winter view from the „large Albertov stairs“



Institute of Anatomy of the First Faculty of Medicine



Campus Albertov – view from the „small Albertov stairs“

UNION OF THE CZECH MEDICAL STUDENTS



UNION OF THE CZECH MEDICAL STUDENTS

ANNUAL REPORT

The Union of the Czech Medical Students is a professional organization of the students of the First Faculty of Medicine, which tries to promote the interests of medical students and provide them with information and other services. For the Union, 2004 was the year of the return to the rooms on the second floor of Faust House, which had been damaged by an extensive fire in 2003. Since the beginning of the academic year 2004–2005 we have managed to re-open the full scope of services in the library and the Internet resource room but also to set up some background indispensable for certain other activities. We have continued intensive co-operation with the Academic Club of the First Faculty of Medicine and with the local branch of IFMSA organization, for which we provide the rooms and technical background necessary to run the agenda of international exchange placements as well as other projects.

In the summer semester of the academic year 2003-2004 the Union of the Czech Medical Students was— due to the stopgap conditions — forced to limit the activities concerning organization of cultural and social events. Those to take place were, above all, the traditional annual picnic in garden of the Department of Psychiatry of the the First Faculty of Medicine and General Teaching Hospital, which took place on 4th May 2004, much favoured by the weather and characterized by a great turn-up among both students and teachers, and by a great atmosphere, too. Other events included the „Star Rave-up” and the Erasmus Evening. Throughout the academic year of 2003-2004, the computers of the Union of the Czech Medical Students, provisionally housed in the Academic Club when our rooms had been damaged by the fire, were available for the student visitors to the popular venue.

By the beginning of the new academic year we managed — thanks to the progress of reconstruction of Faust House — to repair the damage to the Union rooms, caused by smoke, fire brigade action and lying idle for more than a year. The disused equipment, particularly four old computers out of order, was replaced by four overhauled second-hand Dell computers, when the Union members had contributed to the purchase as sponsors. Also, a brand new Agen computer was bought. The older computers were cleaned up, repaired and connected in the network. A novelty, a laser printer and copier were installed to enable the students to copy any materials needed to study. In one room, the soccer game table was installed again for the moments of relaxation, and some aids and resources for pre-exam recapitulation of anatomy. We made an attempt to gather the reference materials for particular study subjects (such as the seminar texts, sets of sample examination questions, etc.) so that they could be available for inspection and copying. The project of an internet photographic atlas of the skeletal system was



MUC. Miroslav Zvolský

launched. Towards the end of the year we participated in creating a sub-section of the Faculty web pages, called Students' Life, to which we have contributed regularly since.

At the beginning of the winter semester, a project was launched by the Union of the Czech Medical Students with the intention to inform our younger colleagues about the content and aims of our work and the benefits of membership. Within the project we made several presentations for the colleagues who study in the 1st to 3rd year. Perhaps also thanks to the information thus obtained, about 300 new members joined the Union of the Czech Medical Students in the autumn of 2004.

Of the cultural events in the winter semester, at least the Erasmus In-Out party should be mentioned, as well as the traditional „Star Rave-Up” in the autumn and the concert party before Christmas, which did not win so much attention as the other events but — let's hope — may have established a new tradition of meetings of the Faculty students with their teachers at the Christmas time. As every year, the traditional St. Nicholas Eve with small presents for children in the wards at the General Teaching Hospital was held in early December. At the end of the year, the Union of the Czech Medical Students also took part in organization of the 117th Medic Prom Ball.

The rooms of the Union of the Czech Medical Students are open for the members every afternoon on week-

days; apart from the access to the Internet we offer some office applications, scanning, photocopying, printing, CD media copying and a reference library in a pleasant environment in the city centre, watching educational videos, and we also lend some projectors, donated by sponsors, for teaching purposes and student projects. We try to advise and help our younger colleagues about their studies. There is a continuous Exchange of textbooks and medical literature in the Union library room,

and we also run the ESO (Erasmus Student Office) and can put you in touch with other student organizations, including IFMSA, in whose projects we take part as co-operators. In future we want to focus mainly on sharing important information concerning the studies, search for resources of information in literature and on Internet, and on social events, which may bring the two parts of the academic community, students and teachers, together more closely.

Miroslav Zvolský
member of the executive
of Union of the Czech Medical Students



Campus Albertov – in the foreground Institute of Physiology of the First Faculty of Medicine



The building of the Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General Teaching Hospital



View of the Hlava's Institute of the First Faculty of Medicine

AUDITOR'S REPORT





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INDEPENDENT AUDITOR'S REPORT


For First Faculty of Medicine Charles University in Prague

We have audited the accompanying balance sheet of **First Faculty of Medicine Charles University in Prague** (hereinafter the Company) with the seat in Prague 2, Katerinska 32, Id. No. 00 21 62 08 as of December 31, 2004 and the related profit and loss account for the period then ended. These financial statements are the responsibility of the management of the Company. Our responsibility is to express an opinion on these financial statements based on our audit.


We have conducted our audit in accordance with the International Standards of Auditing issued by the International Federation of Accountants and in accordance with Czech auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, **the financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2004 and the results of its operations for the period then ended in accordance with the relevant legislation of the Czech Republic and generally accepted accounting principles.**

Given in Prague, February 25, 2005


Ing. Petr Šrámek
auditor - decree No.1163




HZ Praha, spol. s r. o.
member of PKF INTERNATIONAL
auditor - decree No. 31
Kodaňská 1441/46
100 10 Praha 10

Enclosure: Balance Sheet for 2004
Profit and Loss Statement for 2004

The First Faculty of Medicine of Charles University in Prague
Balance Sheet

(the financial statement have been prepared in the Czech currency - CZK)
For The Year Ended December 31,2004

ASSETS				
identifi - cation		row	1.1.2004	31.12.2004
a	b	c	1	2
A.	Fixed assets	1	532 300 950	573 632 262
1.	Intangible results of research and similary activities (012)	2	0	0
	Software (013)	3	9 453 817	11 778 766
	Valuable rights (014)	4	0	0
	Minor items of intangible fixed assets (018)	5	7 354 953	6 817 466
	Other intangible fixed assets (019)	6	0	529 175
	Acquisition of intangible assets in progress (041)	7	2 247 179	885 156
	Advancements for intangible fixed assets (051)	8	0	0
	Intangible fixed assets	9	19 055 949	20 010 563
2.	Accumulated amortization -intangible results of research and similary activities (072)	10	0	0
	Accumulated amortization - software (073)	11	-6 432 972	-8 126 047
	Accumulated amortization - valuable rights (074)	12	0	0
	Accumulated amortization - minor items of intangible assets (078)	13	-7 354 953	-6 817 466
	Accumulated amortization - other intangible fixed assets (079)	14	0	-52 924
	Accumulated amortization - intangible assets	15	-13 787 925	-14 996 437
3.	Land (031)	16	0	0
	Work of art and collections (032)	17	143 660	386 502
	Buildings (021)	18	482 582 106	505 587 508
	Capital equipment units and property (022)	19	410 936 841	481 150 437
	Perennial crops (025)	20	0	0
	Breeding and draught animals (026)	21	0	0
	Minor items of tangible assets (028)	22	106 218 558	102 252 762
	Other tangible assets (029)	23	344 238	344 238
	Acquisition of tangible assets in progress (042)	24	82 473 655	71 030 240
	Advancements for tangible assets (052)	25	0	0
	Tangible fixed assets	26	1 082 699 058	1 160 751 687
4.	Accumulated depreciation - buildings (081)	27	-182 167 467	-193 258 484
	Accumulated depreciation - capital equipment: units and property classes (082)	28	-266 935 868	-296 278 067
	Accumulated depreciation - perennial crops (085)	29	0	0
	Accumulated depreciation - breeding and draught animals (086)	30	0	0

	Accumulated depreciation - minor items of tangible assets (088)	31	-106 218 559	-102 252 762
	Accumulated depreciation - other tangible assets (089)	32	-344 238	-344 238
	Accumulated depreciation-tangible fixed assets	33	-555 666 132	-592 133 551
5.	Shares and ownership investments in enterprises with controlling influence (061)	34	0	0
	Shares and ownership investments in enterprises with substantial influence (062)	35	0	0
	Other securities and ownership investments (063)	36	0	0
	Loans to enterprises in group (066)	37	0	0
	Other long-term loans (067)	38	0	0
	Other financial investments (068)	39	0	0
	Financial investments	40	0	0
B.	Current assets	41	121 956 332	149 882 544
1.	Materials in stock (112)	42	1 888 052	2 262 613
	Materials in transfer (119)	43	151 008	3 437
	Work in progress (121)	44	0	0
	Semi-finished products (122)	45	0	0
	Products (123)	46	0	0
	Animals (124)	47	0	0
	Merchandise in stock (132)	48	0	0
	Merchandise in transfer (139)	49	0	0
	Advancements for inventory (314)	50	0	0
	Inventory	51	2 039 060	2 266 050
2.	Trade receivables (311)	52	821 685	324 414
	Bills of exchange (312)	53	0	0
	Receivables - issued securities (313)	54	0	0
	Prepayment (314)	55	3 157 167	2 933 643
	Other receivables (315)	56	508 574	693 332
	Receivables on employees (335)	57	308 628	709 665
	Social security (336)	58	0	0
	Tax on income (341)	59	0	0
	Other direct taxes (342)	60	0	0
	Value added tax (343)	61	98 896	18 029
	Other taxes and charges (345)	62	0	0
	Receivables by virtue of financial relation to the state budget (346)	63	0	0
	Receivables by virtue of financial relation to the local government budget (348)	64	0	0
	Receivables from association (358)	65	0	0
	Receivables on bonds issued (375)	66	0	0
	Other receivables (378)	67	8 793 570	9 852 878
	Allowances on receivables (391)	68	0	0
	Receivables	69	13 688 520	14 531 961
3.	Cash in hand (211)	70	13 467	209 377
	Postal stationery (213)	71	234 300	34 922
	Cash in bank (221)	72	102 679 922	129 682 166
	Sharing securities (251)	73	0	0
	Debt securities (253)	74	0	0
	Other securities (256)	75	0	0
	Cash in transfer (261)	76	0	0
	Financial assets	77	102 927 689	129 926 465
4.	Deferred expenses (381)	78	974 259	1 194 041
	Accrued revenues (385)	79	0	16 297
	Foreign currencies exchange losses (386)	80	431 746	861 987
	Estimated receivables (388)	81	1 895 058	1 085 743
	Temporary accounts	82	3 301 063	3 158 068
	Total assets	83	654 257 282	723 514 806

EQUITY + LIABILITIES				
identifi- cation		row	1.1.2004	31.12.2004
a	b	c	3	4
A.	Equity	84	555 812 476	624 834 345
1.	Capital (901)	85	534 524 113	575 855 425
	Funds (911)	86	38 093 423	53 705 950
	Capital + Funds	87	572 617 536	629 561 375
2.	Profit/loss for current year (963)	88	-10 575 852	0
	Profit/loss in approval proces (931)	89	0	10 864 087
	Retained earnings, unpaid losses (932)	90	-6 229 208	-15 591 117
	Profit/loss	91	-16 805 060	-4 727 030
B	Liabilities	92	98 444 806	98 680 461
1.	Legal reserves (941)	93	0	0
2.	Bonds (953)	94	0	0
	Rent payables (954)	95	0	0
	Long-term deposits received (955)	96	0	0
	Long-term notes (958)	97	0	0
	Other long-term liabilities (959)	98	0	
	Long-term liabilities	99	0	0
3.	Trade payables (321)	100	2 745 738	674 085
	Short- term notes (322)	101	0	0
	Deposits received (324)	102	127 963	0
	Other liabilities (325)	103	1 425 605	1 153 896
	Payables to employees (331)	104	21 112 869	18 926 926
	Other payables to employees (333)	105	161 906	132 530
	Payables to social security (336)	106	12 883 877	11 751 471
	Tax on income payable (341)	107	0	0
	Other direct taxes (342)	108	4 484 017	4 009 215
	Value added tax (343)	109	0	0
	Other taxes and charges (345)	110	0	0
	Payables by virtue of financial relation to the state budget (346)	111	0	0
	Payables by virtue of financial relation to the local government budget (348)	112	408 494	610 137
	Payables by virtue of subscribed securities and deposits (367)	113	0	0
	Payables to association (368)	114	0	0
	Other payables (379)	115	11 241 023	13 867 005
	Current liabilities	116	54 591 492	51 125 265
4.	Long-term bank loans (951)	117	0	0
	Short-term bank loans (231)	118	0	0
	Loans by virute of discounted notes (232)	119	0	0
	Issued short-term bonds (241)	120	0	0
	Issued bonds (255)	121	0	0
	Other short-term financial accommodations (249)	122	0	0
	Bank loans and financial accommodation	123	0	0
5.	Accrued expenses (383)	124	0	31 331
	Deferred revenues (384)	125	39 255 471	42 528 994
	Foreign currencies exchange gains (387)	126	1 003	708
	Estimated payables (389)	127	4 596 840	4 994 163
	Accruals	130	43 853 314	47 555 196
	Total liabilities + equity	131	654 257 282	723 514 806

The First Faculty of Medicine of Charles University in Prague

Profit And Loss Statement*(the financial statement have been prepared in the Czech currency - CZK)**For The Year Ended December 31,2004*

Acc. Nr.		row	activity		total
			head	economic	
501	Consumption of material	1	61 533 752	1 734 105	63 267 857
502	Consumption of energy	2	13 692 120	0	13 692 120
503	Consumption of other non-stockable supplies	3	0	0	0
504	Cost of merchandise sold	4	0	0	0
511	Maintenance	5	20 622 793	159 460	20 782 253
512	Travel expenses	6	12 228 692	128 937	12 357 629
513	Representaion cost	7	320 682	18 334	339 016
518	Other outside services used	8	22 698 090	1 325 957	24 024 047
521	Wages and Salaries	9	254 971 718	1 960 637	256 932 355
524	Statutoryl social security expenses	10	87 525 668	548 989	88 074 657
525	Other social security expenses	11	0	0	0
527	Legal social expenses	12	5 793 865	0	5 793 865
528	Other social expenses	13	236 487	0	236 487
531	Road tax	14	9 550	0	9 550
532	Property tax	15	0	0	0
538	Other taxes and fees	16	33 965	17 197	51 162
541	Contractual fines and penalties	17	0	0	0
542	Other penalties	18	2 026 828	0	2 026 828
543	Un-collectable accounts receivable expenses	19	290 000	0	290 000
544	Interest	20	0	0	0
545	Exchange rate loses	21	7 037 758	19 004	7 056 762
546	Gifts	22	0	0	0
548	Involuntary conversion	23	56 824	0	56 824
549	Other expenses	24	77 798 353	5 108 803	82 907 156
551	Amortization of intangible and deprecation of tangible assets	25	59 912 848	0	59 912 848
552	Net book value of sold tangible and intangible assets	26	0	0	0
553	Sold securities and deposits	27	0	0	0
554	Purchase price of sold raw materials	28	0	0	0
556	Creation of legal reserves	29	0	0	0
559	Creation of legal allowances	30	0	0	0
581	Contributions given organiz. unit	31	0	0	0
582	Contributions given	32	0	0	0
	Total expenses	33	626 789 993	11 021 423	637 811 416

Acc. Nr.		row	activity		total
			head	economic	
601	Revenues from own products	34	0	24 000	24 000
602	Revenues from rendering services	35	56 875 170	14 246 120	71 121 290
604	Revenues from merchandise	36	0	0	0
611	Change in inventory of work in progres	37	0	0	0
612	Change in inventory of semi-finished produ	38	0	0	0
613	Change in inventory of own products	39	0	0	0
614	Change in inventory of animals	40	0	0	0
621	Capitalisation of materials and merchandis	41	0	0	0
622	Capitalisation of own services	42	0	0	0
623	Capitalisation of intangible assets	43	0	0	0
624	Capitalisation of tangible assets	44	0	0	0
641	Contractual fines and delay interest	45	0	0	0
642	Other fines and penalties	46	0	0	0
643	Revenues from un-collectable receivables	47	0	0	0
644	Interest	48	1 956 634	243 247	2 199 881
645	Exhcange rate profits	49	1 370 358	1 679	1 372 037
648	Clearing of equity accounts	50	6 999 940	0	6 999 940
649	Other revenues	51	62 648 868	1 257 056	63 905 924
652	Revenues from sale of tangible and intangible assets	52	793	0	793
653	Revenues from sale of securities and deposits	53	0	0	0
654	Revenues from sale of raw materials	54	4 259	748 967	753 226
655	Revenues from short-term financial assets	55	0	0	0
656	Clearing of legal reserves	56	0	0	0
657	Revenues from long-term financial assets	57	0	0	0
659	Clearing of legal allowances	58	0	0	0
681	Contributions received from operational units	59	0	0	0
682	Contributions received	60	2 490 176	0	2 490 176
684	Membership fees received	61	0	0	0
691	Operating grants	62	499 808 236	0	499 808 236
	Total revenues	63	632 154 434	16 521 069	648 675 503

	Net income/loss before taxation	64	5 364 441	5 499 646	10 864 087
591	Income tax - current year	65	0	0	0
595	Additional tax on income from prior periods	66	0	0	0
	Net income/loss after taxation	67	5 364 441	5 499 646	10 864 087



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ALTERNATIVE COMPLIANCE ENGAGEMENT

CHARLES UNIVERSITY IN PRAGUE
FIRST FACULTY OF MEDICINE (THE)

PRAGUE, CZECH REPUBLIC

OPE ID NUMBER 03300400

REPORT ON APPLYING AGREED-UPON PROCEDURES

FEDERAL FAMILY EDUCATION LOAN PROGRAM (84.032)

FOR THE FISCAL YEAR STARTING JANUARY 1, 2004
THROUGH DECEMBER 31, 2004

HZ PRAGUE, Ltd.
Auditing Tax and Consulting Services
Member of Pannell Kerr Forster Worldwide



Prague, Ltd.

auditing, tax and consulting services
member of PKF International**REPORT ON APPLYING AGREED-UPON PROCEDURES**

To the U.S. Department of Education
and
Management of Charles University in Prague-First Faculty of Medicine (The)

We have performed procedures enumerated below, which were agreed to by the U.S. Department of Education and management of Charles University in Prague-First Faculty of Medicine (The), solely to assist you in evaluating compliance with the requirements for the Federal Family Education Loan Program (FFELP) described in Section 4 of the U.S. Department of Education, *Foreign School Audit Guide* for the year starting January 1, 2004 through December 31, 2004. This agreed-upon procedures engagement was performed in accordance with attestation standards established by the U.S. American Institute of Certified Public Accountants, and applicable standards contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. The sufficiency of these procedures is solely the responsibility of the U.S. Department of Education and management of Charles University in Prague-First Faculty of Medicine (The). Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

We (1) obtained listings from the management of Charles University in Prague-First Faculty of Medicine (The) of the students who received a FFELP loan to attend Charles University in Prague-First Faculty of Medicine (The) during the year starting January 1, 2004 through December 31, 2004; (2) determined whether all students on the listings were enrolled and attended Charles University in Prague-First Faculty of Medicine (The) on at least a half-time basis; (3) would be reporting as a finding, students who did not enroll and/or attend Charles University in Prague, First Faculty of Medicine (The) during the year starting January 1, 2004 through December 31, 2004 or attended less than half-time; (4) ascertained that the borrowers' loan amounts were proper and did not exceed applicable loan limits; (5) determined whether Charles University in Prague-First Faculty of Medicine (The) was correctly reporting students' status on Student Status Confirmation Reports (SSCRs); determined whether SSCRs were submitted on a timely basis; (7) determined whether Charles University in Prague-First Faculty of Medicine (The) had procedures to ensure that it identified and processed refunds or return of Title IV funds for students who received FFELP funds to attend, but ceased attending before the loan period ended; (8) determined whether Charles University in Prague-First Faculty of Medicine (The) designated a capable individual to be responsible for administering the FFELP program; and (9) determined whether Charles University in Prague-First Faculty of Medicine (The) met its responsibilities concerning required notifications to the U.S. Department of Education, Office of Inspector General. We performed these procedures in accordance with Sections 1 and 4 of the U.S. Department of Education's *Foreign School Audit Guide*.

There are no reportable findings.


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We were not engaged to, and we did not conduct, an examination to express an opinion on Charles University in Prague-First Faculty of Medicine (The) compliance with the FFELP requirements. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been included in this report.

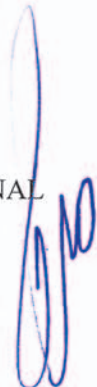
This report is intended solely for the use of U.S. Department of Education and management of Charles University in Prague-First Faculty of Medicine (The), and is not intended to be and should not be used by anyone other than these specified parties.

Given in Prague, March 17, 2005




Ing. Petr Šrámek
auditor - decree No.1163

HZ Praha, spol. s r. o.
member of PKF INTERNATIONAL
auditor - decree No. 31
Kodaňská 1441/46
100 10 Praha 10



LIST OF WORKPLACES AT THE FIRST FACULTY OF MEDICINE



LIST OF WORKPLACES AT THE FIRST FACULTY OF MEDICINE, BY 31TH DECEMBER 2004

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: prof. MUDr. Miloš Grim, DrSc.
E-mail: anat@lf1.cuni.cz

Institute of Pharmacology

Albertov 4, 128 00 Praha 2, tel.: 224 968 146,
224 968 104, fax: 224 921 867
Head: prof. MUDr. František Perlík, DrSc.
E-mail: farm@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.
E-mail: physiol@lf1.cuni.cz

Laboratory for Gene Expression

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 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: doc. Ing. Miloslav Špunda, CSc.
E-mail: biof@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 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 Biochemistry and Experimental Oncology

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 732,
224 965 736, tel./fax: 224 965 741
Head: doc. MUDr. Bohuslav Matouš, CSc.
E-mail: chem2@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.
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: prof. PhDr. Jan Vymětal
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. František Schneiberg (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

Studničkova 5, 120 00 Praha 2, tel.: 224 922 863,
224 968 499, 224 968 497, fax: 224 922 836
Head: Mgr. Dana Jurásková, MBA (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: MUDr. Bohumil Seifert (provisional Head of
the Institute)
E-mail: vseole@lf1.cuni.cz

SCIENTIFIC/EDUCATIONAL CLINICAL WORKPLACES OF THE FACULTY

Joint Workplaces 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
E-mail: kozni@lf1.cuni.cz
Apolinářská 4, 121 08, tel.: 224 921 717
E-mail: koznia@lf1.cuni.cz
Head: prof. MUDr. Jiří Štork, CSc.

Department of Phoniatics

Žitná 24, 120 00 Praha 2, tel.: 224 964 931,
tel./fax: 224 943 051
Head: doc. MUDr. Olga Dlouhá, CSc. (provisional
Head of the Department)
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: doc. MUDr. Jan Šváb, 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. Jan Tošovský, CSc.
E-mail: chir2@lf1.cuni.cz

1st Medical Department

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 527,
224 923 049, fax: 224 923 268
Head: prof. MUDr. Pavel Klener, 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. Michael Aschermann, 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,
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Head: prof. MUDr. Aleš Žák, DrSc.
E-mail: int4@lf1.cuni.cz

Department of Nephrology

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 506,
fax.: 224 962 696
Head: prof. MUDr. Vladimír Tesař, DrSc. , MBA

Department of Medicine at Strahov

Šermířská 5, 169 00 Praha 6-Strahov,
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tel./fax: 220 513 555
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Department of Paediatrics and Adolescent Medicine

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Department of Occupational Diseases

Na Bojišti 1, 128 08 Praha 2, tel.: 224 964 530,
224 964 521, 224 964 510, fax: 224 914 570
Head: Doc. MUDr. Daniela Pelclová, CSc.
E-mail: nempov@lf1.cuni.cz

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E-mail: rehab@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 In-
stitute)

1st Department of Tuberculosis and Respiratory Diseases

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224 964 806, 224 964 820, fax: 224 941 500
Head: prof. MUDr. Jiří Homolka, DrSc.
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Department of Neurology

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224 965 550, fax: 224 922 678
Head: prof. MUDr. Soňa Nevšímalová, DrSc.
E-mail: neuro@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

Department of Oncology

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 219,
224 917 830, fax: 224 921 716
Head: doc. 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 Radiodiagnosics

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 233,
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Institute of Inherited Metabolic Disorders

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Institute of Hygiene and Epidemiology

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Institute of Clinical and Experimental Haematology of the First Faculty of Medicine and Institute of Haematology and Blood Transfusion

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Institute of Clinical Chemistry and Laboratory Medicine

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Institute of Clinical Immunology and Microbiology

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Institute of Nuclear Medicine

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Institute of Pathology

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Institute of Forensic Medicine and Toxicology

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Research Institute of Stomatology

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224 257 174
Head: prof. MUDr. Jana Dušková, DrSc. , MBA

*Joint Workplaces with Teaching Hospital Motol with
Polyclinic*

3rd Department of Surgery

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Department of Otorhinolaryngology and Head and Neck Surgery

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Department of Orthopaedics

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Joint Workplaces with Central Army Hospital

2nd Medical Department of the Central Army Hospital – Clinical Department of Gastroenterology and Hepatology of the First Faculty of Medicine

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Head: doc. MUDr. Miroslav Zavoral, PhD. (provisional Head of the Department)

Department of Ophthalmology of the Central Army Hospital – Clinical Department of Ophthalmology of the First Faculty of Medicine

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Department of Neurosurgery

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Joint Workplaces with Teaching Hospital Na Bulovce with Polyclinic

Department of Gynaecology and Obstetrics

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3rd Department of Infectious and Tropical Diseases

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Department of Plastic Surgery

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Department of Orthopaedics

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Institute of Radiation Oncology

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Joint Workplaces with Thomayer Teaching Hospital

Department of Surgery

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Department of Paediatrics

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Department of Pneumology

Vídeňská 800, 140 59 Praha 4, tel.: 261 082 373, detached workplace in Prosečnice - tel.: 241 951 417
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Workplace of the First Faculty of Medicine at Na Slupi in Prague

Department of Rheumatology

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Science and Information Workplace of the Faculty

Institute of Scientific Information

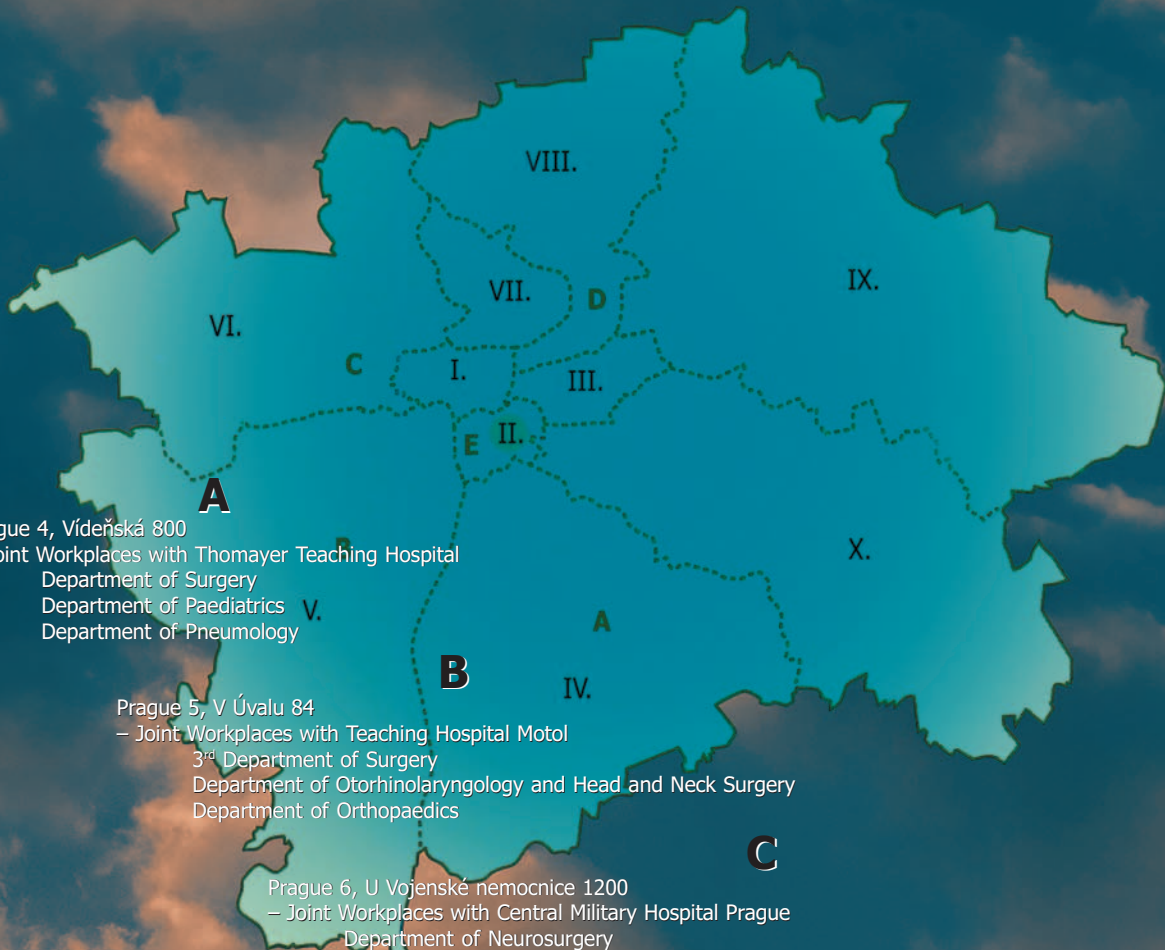
Kateřinská 32, 128 01 Praha 2, tel.: 224 962 220, fax: 224 923 169
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Premises of the First Faculty of Medicine and the General Teaching Hospital in the District of Prague 2 (Charles Square and Albertov Area) - Layout



1. 1st Department Tuberculosis and Respiratory Disease
2. Dean's Office - Charles University in Prague, First Faculty of Medicine, Institute of Medical Biochemistry, Department of Geriatrics, Institute for History of Medicine and Foreign Languages (Department for History of Medicine), Institute of Scientific Information (Library and Study Room), Department of Stomatology
- 2a. Institute of Forensic Medicine and Toxicology (Toxicology)
3. Department of Neurology
- 3a. Department of Neurology (Viničná st.)
4. Institute of Scientific Information, Institute of Pathology
5. Institute of Biochemistry and Experimental Oncology, Institute of Pathological Physiology, Institute of Biophysics and Informatics, Institute of Nuclear Medicine
6. Institute of Anatomy
7. Institute of Sports Medicine, Institute of Physical Education
8. 3rd Medical Department - Clinical Department of Endocrinology and Metabolism
9. Faust House - Institute for History of Medicine and Foreign Languages (Dept. of Foreign Languages), Institute of Social Medicine and Public Health, Institute of Humanitarian Studies in Medicine, Academic Club of the First Faculty of Medicine
10. 2nd Surgical Department - Clinical Dept. of Cardiovascular Surgery
11. 2nd Medical Department - Clinical Dept. of Cardiology and Angiology
12. 1st Medical Department - Clinical Dept. of Hematology, Department of Anaesthesiology, Resuscitation and Intensive Medicine
13. Main Entrance to Hospital, Pharmacy
14. Department of Dermatovenereology, Department of Nephrology
15. Transfusion Department, 1st Medical Department - Clinical Dept. of Hematology, 3rd Medical Department - Clinical Dept. of Endocrinology and Metabolism
16. Department of Stomatology
17. 1st Surgical Department - Clinical Dept. of Abdominal, Thoracic Surgery and Traumatology, Department of Radiodiagnosics
18. Department of Radiodiagnosics, Department of Oncology
19. Institute of Clinical Biochemistry and Laboratory Medicine, ENT Department (Otorhinolaryngology and Neck Surgery)
20. Department of Ophthalmology, Department of Oncology
21. Department of Ophthalmology
22. 4th Medical Department - Clinical Dept. of Gastroenterology and Hepatology
23. Na Hrádku Building - Hospital Management
24. Department of Psychiatry, Drug dependence Department
25. Department of Gynecology and Obstetrics, Dept. of Neonatology
26. Department of Paediatrics and Adolescent Medicine, Institute of Inherited Metabolic Disorders, Institute of Clinical Immunology and Microbiology
27. Hlava Building - Institute of Pathology
28. Institute of Forensic Medicine and Toxicology (Forensic Medicine)
29. Institute of Hygiene and Epidemiology
30. Institute of Clinical Immunology and Microbiology (Microbiology), 3rd Department of Infectious and Tropical Diseases (Tropical Medicine), Institute of Theory and Practice Nursing
31. Institute of Physiology
32. Department of Rehabilitation Medicine, Institute of General Medicine
33. Purkyně Building - Institute of Biology and Medical Genetics, Institute of Histology and Embryology, Institute of Pharmacology, Institute of Cellular Biology and Pathology
34. Department of Occupational Diseases
35. Department of Urology
36. Institute of Sexology
37. Department of Rheumatology
38. Polyclinic of General Teaching Hospital (32 Charles Sq.)
Out-Patient Departments of the Hospital Clinics,
Institute of Clinical Immunology and Microbiology,
V. Polák: Family Breast Diagnostic Center, Pharmacy
39. Department of Phoniatrics (24 Žitná St.)
40. Department of Geriatrics (15 Londýnská St.)
41. Internal Audit Control Department, Asklepton Laser Center

JOINT WORKPLACES OF THE FIRST FACULTY OF MEDICINE WITH TEACHING HOSPITALS ON THE TERRITORY OF PRAGUE CAPITAL



Prague 4, Vídeňská 800

– Joint Workplaces with Thomayer Teaching Hospital
Department of Surgery
Department of Paediatrics
Department of Pneumology

Prague 5, V Úvalu 84

– Joint Workplaces with Teaching Hospital Motol
3rd Department of Surgery
Department of Otorhinolaryngology and Head and Neck Surgery
Department of Orthopaedics

Prague 6, U Vojenské nemocnice 1200

– Joint Workplaces with Central Military Hospital Prague
Department of Neurosurgery
2nd Medical Department of the Central Military Hospital – Clinical Department of Gastroenterology of the First Faculty of Medicine
Department of Ophthalmology of the Central Military Hospital – Clinical Department of Ophthalmology of the First Faculty of Medicine

Prague 8, Budínova 2

– Joint Workplaces with Teaching Hospital Na Bulovce
Department of Gynaecology and Obstetrics
Department of Surgery
3rd Department of Infectious and Tropical Diseases
Department of Plastic Surgery
Department of Orthopaedics
Department of Radiodiagnosics
Institute of Radiation Oncology

Prague 2, Na Slupi 4

Department of Rheumatology

– Joint Workplace with Institute of Haematology and Blood Transfusion

Prague 2, U Nemocnice 1

Institute of Clinical and Experimental Haematology

2004

The image features a vibrant blue sky filled with soft, white and yellowish clouds. The clouds are scattered across the frame, with some appearing more prominent and illuminated, suggesting a bright, sunny day. The overall atmosphere is serene and clear. In the upper center of the image, the year '2004' is displayed in a large, bold, reddish-brown font with a slight 3D effect.