

ANNUAL REPORT 2008

CHARLES UNIVERSITY
IN PRAGUE
FIRST FACULTY OF MEDICINE



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REPORT ON THE ACTIVITIES 2008



DEAN OF THE FACULTY



DEAN OF THE FACULTY

Dear colleagues, dear members of the academic community of the First Faculty of Medicine, dear friends, here is the Annual Report of the Faculty for the year 2008.

It was the year of a new dean's election, and I really appreciate that the Academic Senate and the academic community put their trust in me and placed me in charge of the office for another term, this time for the next four years. Since September 2008 there have been several changes. I would like to express my thanks to Professor Stanislav Štípek, who asked me to be not appointed a vice-dean for another term, and acknowledge his hard work done for our Faculty, particularly – but not only – in the sphere of education, and also for his selfless effort in developing some other activities of the Faculty. I appointed two new vice-deans in charge of the issues of education – Associate Professor Martin Vokurka for the sphere of the theory stage of the studies, and Associate Professor Michal Miovský for non-medical study programmes.

In the coming period the Faculty is going to face quite a number of important changes, connected in particular with the problem of position of teaching hospitals and with funding of science. Further basic aims of the University and Faculty which we are to concentrate on are the following: to establish a new modern curriculum for studies of medicine, to improve the condition for studying dentistry, to enhance international co-operation with the goal of gaining resources from international projects for the

Faculty, but also the problem of updating the function of the Dean's Office.

Like many other years that ended in the figure 8, 2008 was an eventful year in the life of our First Faculty of Medicine and Charles University, which celebrated its 660th anniversary. The First Faculty of Medicine is one of the four original faculties which have run through the 660-year history of the University. Emperor Charles IV established the four faculties covering the scope of medieval knowledge: the faculties of Arts, Divinity, Law and Medicine. The medical school at Charles University ranks among the oldest in the world, preceded by the medical schools in Salerno (where the famous *Flos Medicinae* was written in 9th century, translated into Czech in 1587) and in Montpellier in France, and university schools such as Bologna, Oxford, Paris, Padua and Cambridge. Our *alma mater* then takes the 32nd standing in Europe. In the Foundation Charter of our University, such ideas are pronounced which direct the University and Faculty's activity even now. The First Faculty of Medicine, for centuries devoted to the tradition and legacy of its founder, organized a large scope of professional and social events to commemorate the 660th anniversary of Charles University.

Indeed, 2008 was rich in social and professional events in the life of our Faculty. Again, enhancing the Faculty's reputation through scientific and educational work was our main goal. At a time, quite a number of events took place to celebrate the anniversary of the Faculty and University.



Prof. MUDr. Tomáš Zima, DrSc., MBA
Dean of Charles University in Prague, First Faculty of Medicine

On 8th April 2008 the modern successors of the founder faculties – Faculty of Philosophy and Arts, Catholic Theological Faculty, Faculty of Law and First Faculty of Medicine – together with the Medics' Humanitarian Club organized a solemn lecturing afternoon to commemorate the spiritual, artistic and statesman's legacy of Charles IV; this event took place in the beautiful Holy Rood Chapel at the Department of Gynaecology and Obstetrics. This place in the Province Maternity Hospital also reminds of Josef Hlávka, the architect of the building and founder of the Czech Academy, a prominent patron who generously sponsored Czech arts and sciences. Thus this place reminds the idea of the University, education and prominent personalities who lavished great material possessions as well as spiritual assets on the Czech nation. A collection of lectures that were presented on the occasion was published by our Faculty as a separate print under the title *The spiritual, statesman's and artistic legacy of Charles IV*.

Another event to arouse unprecedented interest in the public was the exhibition of historic medical instruments and appliances, organized in co-operation with the Museum of Health and the authorities of the district Prague 2 and held at the New Town City Hall in May 2008. In mere two weeks, nearly 4,000 visitors came to see the exhibition. Not many people know that the New Town of Prague, where the best part of the Faculty's premises are found, was founded by Charles IV just one month earlier than the University and that it was one of the greatest architectural projects of the time.

The beginning of the year was traditionally marked with the Prom Ball of Czech Medics at the Žofín Palace, already held for the 120th time. On the occasion of this jubilee, the Faculty published *The history of Medical Balls*.

In 2008 we commemorated the 100th anniversary of the death of Josef Hlávka, the outstanding humanist who sponsored Czech sciences and arts and founded the Czech Academy as well as Josef, Marie and Zdenka Hlávka's Foundation, which has been supporting Czech scientists, particularly the young ones, ever since. Our Faculty was one of the institutions that participated at a scope of commemorative events connected with the jubilee. We organized a concert with prominent Czech musicians – the master violinist Josef Suk, the master organist Aleš Bárta, harp players Kateřina Englichová and Jana Boušková, and the master cellist Jiří Bárta – in the Holy Rood Chapel at the Department of Gynaecology and Obstetrics, formerly known as the Province Maternity Hospital, a building projected by Josef Hlávka himself.

Thanks to the kind sponsorship of Zentiva, the joint stock company, the Medics' Humanitarian Club managed to organize two more concerts, the 6th and 7th within the cycle *Faculty in the heart of Karlov*, in churches in the Albertov and Karlov area, which were dedicated to the University's anniversary. In February 2008, the famous oratorio *Stabat Mater* (op. 58) by Antonín Dvořák was performed in the church of Assumption and St. Charles the Great at Karlov, part of the New Town. In November, the famous *Magnificat* was presented in the versions by A. Vivaldi, J. D. Zelenka, A. Pärt, J. Pachelbel, M. Praetorius and B. Britten.

In 2008 again, preparations and negotiations continued about the project of Albertov Campus, in which our Faculty takes part together with the Faculty of Mathematics and Physics and Faculty of Science. To enhance co-operation with the authorities of the district of Prague 2, the Faculty participated in some common events in the Karlov and Albertov area as well as at some locations in other parts of the district.

The year 2008 was marked by the project of a new law on University Hospitals. As moved by the Ministry of Health of the Czech Republic, the bill proposed transformation of Teaching Hospitals to joint stock companies, in which representation of the university or faculty would be insufficient, and also the principle of a joint stock company is rather uncommon both in Europe and overseas.

Considering the situation as well as presence of many ill-defined points in the bill, we convened a meeting of the academic community, and our invitation was accepted by the top representatives of the Ministry of Health, such as the Minister, Mr. Tomáš Julínek, and his First Deputy, Mr. Marek Šnajdr, the Minister's deputy in charge of university education at the Ministry of Education, Youth and Sports Prof. Vlastimil Růžička, Mayor of the capital city of Prague Dr. Pavel Bém, His Magnificence the Rector of Charles University in Prague Prof. Václav Hampl, representatives of both chambers of the Parliament of the Czech Republic, and representatives of medical schools and teaching hospitals as well as those of professional associations and interest groups. At this assembly, and also at some other events, some of which were organized by medical students, evident disapproval of the transformation to joint stock companies was expressed, as well as the request for equal representation of universities or medical faculties in University Hospitals.

In 2008 the Faculty, or its staff members, again became holders of several prestigious awards. On 28th November, the "Czech Top 100" award gala evening took place in the Spanish Hall of the Prague Castle, where our Faculty was awarded a diploma to confirm that the Scientific Centres of the First Faculty of Medicine rank among the best within the Czech Republic in the category "Education – Science – Health – Humanity" in 2008. Again the Faculty was awarded the diploma of honour in the competition for the prize "Innovation of the year 2008". Another award was obtained by the Faculty on 27th November 2008, when the Prize of the Medical Law Society was conferred to it for outstanding initiative in the sphere of education in medical law.

A brilliant success was achieved by one of our postgraduate students. This year's "Czech Head" prize, given to our top best scientists of the year, in the "Doctorandus" category of students in doctoral programmes was awarded to Ms Alena Čížková from the Institute of Inherited Metabolic Disorders of the First Faculty of Medicine and General Teaching Hospital for the discovery of the gene disorder that causes serious disease leading to damage to the brain and heart, physical deformities and mental impairment. Another success was that of Professor Miloš Grim, the Head of the Institute of Anatomy, who was awarded the Prize of the Minister of Education, Youth and Sports of the Czech Republic for the research into stem cells of the neural crest, which can be used for regenerative medicine, and received the award on 13th November 2008. In December, Professor Jiří Mazánek was awarded the 2008 Prize of the Minister of Health of the Czech Republic in medical research for the project Combination of high-power laser and photodynamic therapy in management of neoplasm of the head and neck.

In the sphere of study, several substantial changes were effected. To mention just one of them, the concept of the field of Social Medicine has changed, where the organization of public health care and the medical law play an important role now. We managed to introduce new elective subjects which interconnect theoretical and clinical medicine with core subjects. Both teachers and students began to make a better use of the still wider spectrum of study resources through e-learning, e-portal, new Wiki-textbooks and MEFANET web, initiated by the First Faculty of Medicine of Charles University in Prague and the Medical Faculty of Masaryk University in Brno. Nowadays MEFANET comprises all Czech and Slovak medical schools. In the sphere of education the teacher of the First Faculty of Medicine closely co-operate with a number of faculties of our University as well as those of the Czech Technical University, Institute of Chemical Technology and many other universities and colleges. For the purposes of the admission procedure, a test of general studying abilities was prepared in co-operation with the Faculty of Philosophy and Arts of Charles University, which was included in the admission procedure for the

academic year 2008–2009 but eventually not used for evaluation of the applicants in that year.

Among the medical schools of Charles University, the First Faculty of Medicine offers the students perhaps with the widest choice of international stays and fellowships within the SOCRATES/ERASMUS programme, Mobility Fund of Charles University, Ceepus scheme, inter-university exchange, individual fellowships at the First Faculty of Medicine, stays organized by IFMSA, fellowships organized in co-operation with the Austrian Lions Club Wien, etc. Long-term programmes as well as once-only events of exchange in 2008 were on the basis of international co-operation of the University, Faculty and its particular institutes and departments. The Faculty co-operates with schools of higher education and scientific institutions in 23 countries of four continents.

In 2008 again, the Faculty performed research within 198 grant projects of the Grant Agency of Charles University, Grant Agency of the Czech Republic, Internal Grant Agency of the Ministry of Health of the Czech Republic, Fund of Development of Schools of Higher Education, etc. Five projects were implemented within the National Programme of Research II. As a co-operator, the Faculty has been involved in 13 projects in the 6th and 7th Framework Programmes of the European Union, and implemented four projects within the JPD3 programme, of which let me mention just two – introduction of the undergraduate study programme “Molecular medicine in theory and practice of biotechnological society” and “Development and testing of programmes of further education and career of post-doc alumni in the field of applied biotechnologies”.

On contractual basis the First Faculty of Medicine provides expert services, but our specialists are also directly engaged in joint projects of applied research that lead to practical utilization of scientific knowledge. In 2008 the Faculty, in co-operation with the Faculty of Mathematics and Physics of Charles University, participated in implementation of a big project of the Ministry of Health – “Improvement of the system of health care management: technical assistance for the Ministry of Health of the Czech Republic”.

With success, the following research concepts were in progress:

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

Further, some other institutions' research concepts were implemented with participation of the following Faculty staff members:

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

- (6) Assoc. Prof. Ivan Šterzl – Chronic diseases due to inappropriate reactivity of the immunity system, their pathogenesis, and possibilities of early diagnosis and treatment.

In 2008 the Scientific Board of the First Faculty of Medicine performed 13 procedures for appointment to professor posts and 19 habilitation procedures for associate professor posts. The Faculty possesses accreditations for habilitation procedures and procedures for appointment to professor posts in 32 fields. The proposal for Cardiosurgery as a new habilitation field was submitted to and approved by the Scientific Board of the Faculty and consequently passed to the Rector's Office of Charles University to be dealt with by the University's Scientific Board in early 2009. Further, the Faculty possesses accreditations for 19 doctoral programmes, and 56 postgraduate students successfully defended their theses in 2009.

To the proposal by the First Faculty of Medicine, Charles University in Prague awarded four honorary doctorates in 2008: on 28th January to Professor Suad Efendic, the worldwide recognized eminent personality, expert in diabetology and endocrinology of the gastrointestinal tract, whose fundamental works on physiology of insulin secretion brought him invitation to present the Laufberger Lecture at the 28th annual congress of the European Diabetologic Society in Prague in 1992, and to Professor Herbert Ehringer, the angiologist of worldwide reputation and the main organizer of the *Medizinstudenten ohne Grenzen* international student exchange, in which a number of student from the First Faculty of Medicine regularly participate. On 7th April 2008 the honorary doctor degree in medical sciences was awarded to Professor Salvador Moncada, the prominent supporter of Czech scientists and postgraduate students, for his lifelong pioneering work in the field of pharmacology and physiology of circulation in the bloodstream and formation of vascular biology, as well as for his important contribution to the understanding of the function of endothelium and introduction of the discovery of new agents into the therapy of vascular disorders. Eventually, on 28th May the honorary doctor degree was awarded to Professor Daniel Callahan to acknowledge his fundamental importance for the field of medical ethics in USA, Europe and other parts of the world. He is actually the founder of the field with important participation in solution of ethical issues of care of the elderly, aims and goals of health care, and ethics of research. He also greatly contributed to the development of medical ethics in the Czech Republic in early 1990s. His many visits to Charles University, connected with giving lectures, finally resulted in his appointment as a Guest Professor at the First Faculty of Medicine and his participation in education of our medical students.

The Faculty is the editor of *Folia Biologica*, a journal with an impact factor, and *Prague Medical Report*. The former was particularly successful, as there was a rise in its impact factor, which achieved the level of 0.596 points, is freely accessible at PubMed, and equipped with an e-portal which enables electronic sending in of manuscripts.

For the 9th time already, the annual Student Scientific Conference took place at the First Faculty of Medicine and a collection of presentations was printed, with 80 papers altogether. Fifteen best presentations were awarded, and three were chosen for special prizes. The awards and prizes for the conference were granted by sponsors, who greatly contributed for the conference, such as the journal Medical Tribune, the publishing house Galén. s.r.o., Foundation of the General Teaching Hospital, the journal Zdravotnické noviny and the publishing house Grada Publishing, a.s.

The staff of the First Faculty of Medicine again organized a large number of professional events, more than 100 of which were national and international conferences and seminars. Those most important included the 14th World Psychiatric Congress of the World Psychiatric Association (WPA), held under the auspices

of Václav Klaus, the President of the Czech Republic, and Pavel Bém, the Mayor of the capital city of Prague; the First Czech Congress of Ultrasound; the Central European Surgical Congress of CECS with international participation (where the prominent Japanese endoscopist Prof. Naoshishia Yahagi performed a unique surgery – endoscopic mucosal resection); International Conference for Prevention, Diagnosis and Therapy of CRC (IDCA); the 58th Pharmacologic Days, a conference with international participation; Symposium Morphology 2008; conference Atherosclerosis – diagnosis, therapy and prevention in childhood and adulthood; the first all-world conference Methamphetamine: Knowledge, Strategies and Answers, under the auspices of Dr. Pavel Bém, the Mayor of the capital city of Prague, Dr. Langer, the Minister of the Interior, and Prof. Hampl, the Rector of Charles University; 10th Prague Autumn Workday of Gastroenterology, Refractory Conditions in Gastroenterology; 5th Czech Surgical Congress; 36th Common Congress of Czech and Slovak Surgeons; 15th Prague Surgical Day; 36th Czech Radiologic Congress, Sonographically Diagnosed Intestinal Ischemia; “Whither goes (thou) primary prevention?” – 5th annual Czecho-Slovak conference Primary Prevention of Risk Behaviour, under the auspices of Dr. Pavel Bém, the Mayor of the capital city of Prague, and Mr. Ondřej Liška, the Minister of Education; the 19th conference of the Association of Rehabilitation and Physical Medicine 2008; 29th Eva Sedláčková Phoniatic Days and 6th Czecho-Slovak Phoniatic Congress; and many more.

On the occasion of personal jubilees, conclusions of the terms in office and retirements, or on the occasion of international conferences attended by specialists linked with our faculty, twenty-four Memorial Medals of the First Faculty of Medicine of Charles University were awarded to the following: Prof. Jan Borovanský, Prof. Zdeněk Broukal, Prof. Oldřich Čech, Dr. Jana Doležalová, Prof. Pavel Dungal, Prof. Hasan M. Farghali, Assoc. Prof. Pavel Handzel, Assoc. Prof. Pavel Hanek, Prof. Josef Hyánek, Prof. Sixtus Hynie, Prof. Adam Jirásek, Prof. Jitka Kobilková, Prof. Ingrid Lungberg, Prof. Classen Mainhard, Prof. Mario Maj, Assoc. Prof. Ivan Matouš-Malbohan, Prof. Jan Pfeiffer, Prof. George B. Stefan, Prof. Yehud Shoenfeld, Prof. Josef Smolen, Prof. Martin Šámal, Dr. Hana Vrbová, Prof. Jana Zvárová and the Medical Faculty of P. J. Šafárik University in Košice.

Further, thirteen Faculty diplomas of honour were awarded: to Prof. Jitka Abrahámová, Prof. Marie Brodanová, Assoc. Prof. Alfréd Ducháč, Prof. Jan Dvořáček, Assoc. Prof. Roman Jirák, Assoc. Prof. Bohuslav Konopásek, Prof. Jan Kvasnička, Assoc. Prof. Zdeňka Límanová, Prof. Salvador Moncada, Assoc. Prof. Pavel Pavlovský, Prof. Owen Rennert, Prof. Jaroslav Toman and Assoc. Prof. Vladimír Visokai.

On the occasion of important personal jubilees, and in acknowledgement of their contribution to development of scientific and educational activity, Professor Václav Hampl, the Rector of Charles University, honoured Prof. Karel Horký and Prof. Radomír Čihák with Gold Memorial Medals of Charles University, and Prof. Stanislav Štípek, Prof. Vladimír Bencko, Prof. Zdeněk Hájek, Prof. Ctibor Povýšil, Prof. Jiří Mazánek, Prof. Vladimír Pacovský, Prof. Antonín Sosna, Prof. Helena Tlaskalová-Hogenová, and Prof. Milan Elleder with Silver Memorial Medals.

In 2008 we all celebrated important jubilees in the lives of the following academic staff members, who had connected their professional careers with the Faculty and contributed to its reputation. These are the following: Assoc. Prof. Jiří Král, Prof. Vladimír Bencko, Assoc. Prof. Jan Klozar, Prof. Jan Borovanský, Assoc. Prof. Ivan Matouš-Malbohan, Assoc. Prof. Petr Suchomel, Prof. Miloslav Marel, Assoc. Prof. Milan Tuček, Prof. Zdeněk Hájek, Prof. Zdeněk Broukal, Assoc. Prof. Berta Otová, Prof. Ctibor Povýšil, Assoc. Prof. Pavel Hanek, Prof. Sixtus Hynie, Prof. Mojmír Petráš, Assoc. Prof. Olga Dlouhá, Prof. Otomar Kittnar, Prof. Roman Kodet, Assoc. Prof. Alena Černá, Prof. Pavel Dungal, Prof. Jitka Abrahámová, Prof.

Jiří Mazánek, Assoc. Prof. Pavel Pavlovský, Prof. Marie Tichá, Prof. Marie Brodanová, Prof. Jan Pfeiffer, Prof. Zdeněk Krška, Prof. Karel Smetana, master artist Ivan Helekal, Assoc. Prof. Milada Kohoutová, Prof. Ludmila Kameníková, Prof. Zdeněk Mareček, Prof. Karel Horký, Prof. Radomír Čihák, Prof. Daniela Pelclová, Prof. Jan Schützner, Prof. Hassan Farghali, Prof. Jana Zvárová, Assoc. Prof. Pavel Pešata, Assoc. Prof. Jitka Čejková, Assoc. Prof. Milan Krajíček, Assoc. Prof. Hana Hubálková, Prof. Vladimír Beneš, Prof. Hana Papežová, Assoc. Prof. Zuzana Urbanová, Prof. Jan Kvasnička, Prof. Antonín Sosna, Prof. Jitka Kobilková, Prof. Vladimír Pacovský, Assoc. Prof. Debora Karetová, Prof. Eva Topinková, Prof. Emanuel Nečas, Assoc. Prof. Vladimír Visokai, Assoc. Prof. Jan Handzel, Assoc. Prof. Andrej Souček, Prof. Karel Teršíp, Prof. Jan Dvořáček, Prof. Petr Zvolský, Dr. Jana Doležalová, Prof. Miloslav Bednář, Assoc. Prof. Bohuslav Konopásek, Assoc. Prof. Zdeňka Límanová, Prof. Jiří Vencovský, Prof. Miroslav Zavoral, Prof. Martin Šámal, Assoc. Prof. Pavel Urban, Assoc. Prof. Roman Jirák, Prof. Milan Elleder, Prof. Jindřich Martínek, Prof. Helena Tlaskalová.

Alas, in 2008 our academic community, friends and colleagues, had to farewell several outstanding physicians and teachers. Among those who left our academic community forever were Prof. Marie Pešková, the emeritus Head of the 1st Surgical Department – Clinical Department of Abdomen, Chest and Emergency Surgery, a prominent representative of the field of general and special surgery, to which she devoted all her professional life, a brilliant teacher and scientist; Assoc. Prof. Jan Škopek, the emeritus Head of the Department of Stomatology; Assoc. Prof. Vladimír Puchmayer, the emeritus Head of the 4th Medical Department, a prominent representative of the field of angiology, an outstanding scientist of international renown, an excellent scientist, physician and teacher; Prof. Tomáš Trávníček, a prominent representative of the field of experimental haematology, the emeritus Head of the Institute of Pathological Physiology, an emeritus Dean of the First Faculty of Medicine and emeritus Vice-Rector of Charles University in Prague, Assoc. Prof. Ladislav Krušina, a former staff member of the 1st Surgical Department, a distinctive personality of Czech surgery, a prominent scientist and outstanding university teacher; Dr. František Choc, the emeritus manager of the Institute of Scientific Information, an outstanding scientist; Prof. Milan Adam, a former staff member of the Institute of Rheumatology, the first Minister of Education, Youth and Sports after the Velvet Revolution and the Head of the Department of Rheumatology, a distinctive personality of Czech rheumatology, a prominent scientist and outstanding university teacher; Assoc. Prof. Jiří Otrádovec, from the Department of Ophthalmology, the most prominent Czechoslovak ophthalmologist; and Ms Štěpánka Brožová, an outstanding teacher of the Institute for History of Medicine and Foreign Languages of the First Faculty of Medicine.

At the special meeting with the Heads of the institutes and departments before Christmas, another book of interviews “Chair for Faust” was introduced, which is already the seventh volume of the publication. In 2007, thirteen personalities were seated in that chair and interviewed: Prof. Karel Smetana, Dr. Jan Bříza, Prof. Ctibor Povýšil, Prof. Václav Havlíček, Prof. Jana Dušková, Prof. Vladimír Bencko, Prof. Jan Pfeiffer, Prof. Richard Češka, Assoc. Prof. Milada Kohoutová, Prof. Richard Hindls, Prof. Přemysl Poňka, Prof. Jiří Městecký, Assoc. Prof. Petr Svobodný. Publication of the book was kindly sponsored by the company AstraZeneca s.r.o. and publishing house Galén, s.r.o. At a time, the publication *Spiritual, statesman's and artistic legacy of Charles IV*, dedicated to the 660th anniversary of Charles University, was formally introduced.

Throughout the year 2008, the Faculty saw an increased interest from the media. Through the events we participated at, the Faculty gradually established a circle of standing co-operator from daily newspapers, journals, television and radio. Together with the

Press Department of the General Teaching Hospital we arranged regular meetings with journalists, dealing with a wide spectrum of medical disciplines and many problems of contemporary medicine. In 2008, we were able to organize more than 25 press conferences with a rather great response in press, radio and television.

One thing we hold indispensable for development of the Faculty is construction of the Albertov campus (Globcentrum and Biocentrum) and the BIOCEV project – a common scientific research facility of Charles University (Faculty of Science and First Faculty of Medicine) and six institutes of the Academy of Sciences of the Czech Republic. The Faculty also takes part in preparation of the project of the Centre of Translation Medicine.

To sustain a high standard of the environment for study and research, modernization of the Faculty's premises is necessary. An important event which has an impact on the everyday function of the Faculty is the reconstruction of the building at 32 Kateřinská, which began in summer 2007. In 2008 the first stage was completed. The reconstruction of the premises of the Dean's Office, Institute of Medical Biochemistry, Department of Stomatology (including reconstruction of the lecture hall and re-equipment of the clinic with medical technology) and some other institution in this building of the First Faculty of Medicine cost 167 million Czech crowns. This is one of the most important reconstructions at the Faculty in past decades, and the completion of the third stage is planned for 2010.

This building, by coincidence, started to serve the students 125 years ago. Now, after so many years, it received its first fundamental reconstruction, with quite a number of historic elements of the building being restored. The ceremony of completion of the first stage of reconstruction on 15th October 2008 included the inauguration of the statue of Hygeia by Olbram Zoubek, the master sculptor, which is placed in the vestibule of the building. The author unveiled the statue in a special ceremony, together with Professor Václav Hampl, the Rector of Charles University, and at the presence of prominent special guest, such as Ms. Eva Bartoňová, the First Deputy of Minister of Education, and Mr. Marek Šnajdr, the First Deputy of Minister of Health, Professor Václav Pačes, the President of Academy of Sciences of the Czech Republic, as well as representatives of the city and district authorities and other guests.

In a special ceremony on 23rd September 2008, the great lecture hall of the Institute of Anatomy was re-opened after the re-

construction, and now interconnected with the little lecture hall of the Institute through audiovisual technology. The little lecture hall at 5 U Nemocnice was refurbished, and repairs were done at the Institute of General Medicine at 7 Albertov. At the time the Faculty possesses already two club rooms – one, now traditional, in Faust House within the “upper campus”, and the other that was inaugurated on 5th September and is located in the yard wing of the Purkinje building at 4 Albertov, Prague 2. Compared to the Academic Club in the Faust House, the latter has an extra advantage, as the students can relax on the green next to the club. Another goal of us is to create a modern centre of scientific information and education in the building at 4 U Nemocnice, where the reconstruction began at the end of 2008.

Great attention and support were given by the Faculty to the activities of the Union of Czech Medical Students, activities of IFMSA, and events within the Socrates/Erasmus programme as well. The Faculty presented itself very well at both domestic and international events such as the Open Days of Charles University and the First Faculty of Medicine, higher education trade fair Gaudemus, presentation at the international medical trade fair Prag-medica 2008, etc. We issued information materials about the Faculty in Czech and English versions. A number of events were organized in the Academic Club; apart from press conferences, presentations of books, exhibitions, Chairs for Faust, round tables and panel discussions these also included “academic cafes” within the 2008 Week of Science of the Academy of Sciences and many other events organized by particular institutes and clinical departments of the Faculty.

In 2008 the First Faculty of Medicine showed a good economic balance. Financially, it managed well, which was also reflected in the bonuses paid at the end of the year, amounting to nearly 80 per cent of a salary. We rewarded the best staff members not only in the aspect of scientific activity but also fifteen teachers who were evaluated as the most outstanding educationalists by the students' questionnaires. Towards the end of the year the Faculty put some money in simulators of various practical skills for students and in equipment of workplaces as well.

Last but not least, let me say „thank you“ to all the teachers, scientists, other staff members and students for their contribution to the success and high credits of the First Faculty of Medicine of Charles University, as well as to all the friends, supporters and patrons of our faculty for their co-operation and support.

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

ACADEMIC SENATE



ACADEMIC SENATE

Dear academic citizens,

Let me, on behalf of the Academic Senate of the First Faculty of Medicine of Charles University, to submit this annual report of its activities. In 2008 the Senate held nine regular and one extraordinary sessions, which took place on 14th January, 12th February, 10th March, 21st April, 12th May, 9th June, 13th October, 10th November and 12th December. It was the first year of the three-year term. During this period, no member lost the seat, and the Senate therefore did not change its composition.

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

During the year it discussed the alterations of several internal regulations, which were passed on and eventually accepted by the Academic Senate of Charles University. The Senate also gave opinion on the prolongation of the accreditation for the Bachelor degree study programme of Occupational Therapy and the change in the doctoral study programmes with the aim to prolong the duration of the studies from three to four years.

Further, the budget of the Faculty was dealt with and approved as balanced, and in another session the question of the number of students admitted was discussed.

Another item of the agenda was the problem of merit bursaries. Compared to the year before, the amount for the students with the best progress in studies was raised. Throughout the year the question of evaluation of tuition and study was discussed several times.

Thanks to the active approach of the Educational Board, new rules for entering the terms of examination in the Student Information System (SIS) were suggested. These rules, which were to provide equal chance for all, were recommended by the Senate and subsequently introduced by the management of the Faculty.

In sessions, representatives of the Union of Czech Medical Students and IFMSA took floor to inform in detail about the activities of their associations.

By the end of the year the Senate prepared the rules for organization of election of our representatives in the Academic Senate of Charles University. Then the following candidates were elected by regular ballot: Lukáš Bajer, Associate Professor Petr Hach, Dr. Marek Hilšer and Professor Stanislav Štípek.

A fundamental task in the agenda of the Academic Senate in 2008 was to organize the election of the Dean, which was followed by its opinion on the composition of the Dean's Board and by approving on the members of the Scientific Board of the Faculty. All these acts were by secret ballot. The only candidate, Prof.



*MUDr. Bc. Marek Hilšer
Chairman of the Academic Senate of the First Faculty of Medicine*

Tomáš Zima, received the votes of 29 Senate members. The Rector of Charles University confirmed the choice of the Academic Senate and appointed the Dean for another four-year term in office, from 1st September 2008 to 30th August 2012.

We should not forget that in 2008 there were – apart from the routine agenda of the Academic Senate – some extraordinary events. In the first half of the year the members of the Academic Senate, like the management and other members of the academic community, kept an eye out for the twists and turns of the situation around the bill of University Hospitals Act. Its subject matter as well as the way the top politicians tried to push the proposed changes through eventually resulted in protests of representatives of all medical faculties in the Czech Republic. Thanks to the active approach of the academic community and unanimous action of its members the politicians were eventually forced to retreat and the intended conversion of teaching hospitals to joint stock companies was suspended.

A considerable role in these events was played by the students and teachers of our Faculty, so let me express my thanks to all those who pronounced their will as citizens, showing their active attitude and selfless involvement. The events of 2008 prove that an active attitude towards public affairs, no matter how difficult their articulation may be, does bring results. However, some events at the beginning of 2009 seem to hint that the hazard to the teaching hospital, and therefore to our Faculty and the rare area of Karlov as well, is not completely over. So civic alertness is still needed and indifference must be guarded against.

To conclude, let me express my thanks to all members of the Academic Senate as well as the other members of the academic community for their good contribution to the life of our Faculty and wish them a lot of success in professional and personal life in 2009.

Internal regulations of the Faculty and their changes in 2008

In 2008, the Academic Senate of Charles University approved on the following new internal regulations of the First Faculty of Medicine:

- (1) on 28th November 2008, the Statute of the First Faculty of Medicine, with the effect since the same day;
- (2) on 28th November 2008, the Rules of Procedure of the Scientific Council of the First Faculty of Medicine, with the effect since the same day;
- (3) on 28th November 2008, the Disciplinary Regulations for the Students of the First Faculty of Medicine, with the effect since the same day;
- (4) on 28th November 2008, the Rules of Admission Procedure Regulations of the First Faculty of Medicine, with the effect since the same day;
- (5) on 28th November 2008, the Regulations for Evaluation of Tuition by Students of the First Faculty of Medicine, with the effect since the same day.

Therefore, in 2008 the Faculty acted on the following internal regulations according to the Act No. 111/1998 Coll., on Schools of Higher Education, in its currently valid wording:

Statute of the First Faculty of Medicine
 Rules of Election and Procedure of the Academic Senate of the First Faculty of Medicine
 Rules of Procedure of the Scientific Council of the First Faculty of Medicine
 Disciplinary Regulations for the Students of the First Faculty of Medicine
 Rules of Admission Procedure Regulations of the First Faculty of Medicine
 Regulations for Evaluation of Tuition by Students of the First Faculty of Medicine
 Rules for Organization of Studies at the First Faculty of Medicine
 Studies and Examination Regulations of the First Faculty of Medicine
 Rules for Granting Scholarships at the First Faculty of Medicine

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



The statue of Hygeia by Olbram Zoubek, the master sculptor, which is placed in the vestibule of the building of the Dean's Office in Kateřinská Street



The view of the vestibule at the reconstructed part of the building of the Dean's Office in Kateřinská Street

MANAGING DIRECTOR OF THE GENERAL TEACHING HOSPITAL



MANAGING DIRECTOR OF THE GENERAL TEACHING HOSPITAL

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

Let me greet you on behalf of the General Teaching Hospital in Prague, which has been the clinical base of the First Faculty of Medicine since 1790. The long years of co-existence of the Hospital and the Faculty have created a considerable concentration of institutions in theoretical, pre-clinical and clinical specialities, which nowadays represents one of the greatest bases of biomedical research in the Czech Republic. Under expert supervision of the General Teaching Hospital, one departmental research concept is being solved, as well as more than 100 grant projects. On the research activities of the First Faculty of Medicine and General Teaching Hospital, more detailed information is given elsewhere in this Annual Report. Extensive possibilities of communication and co-operation between particular institutions of the Hospital and the Faculty entail substantial enrichment of professional scientific activities. In addition, there is co-operation with the other faculties of Charles University and with the Academy of Sciences of the Czech Republic, Institute of Rheumatology, Institute of Haematology and Blood Transfusion, Institute for Mother and Infant Care at Podolí, the Czech Technical University, or industrial companies within the Tandem project by the Ministry of Industry and Trade. In the rating of results of research organizations in 2008, the General Teaching Hospital in Prague had the best standing

among all health care facilities in the Czech Republic. The second place was taken by the Institute of Clinical and Experimental Medicine and the third by the Teaching Hospital Motol. Together with the First Faculty of Medicine, occupying the first place among medical schools, we represent a substantial part of the total biomedical research in the country.

Quality of care and its control represent an important part in the activity of the General Teaching Hospital. We are an important hospital with top level teams that provide care in top quality virtually in all specialities, excluding plastic surgery. A great number of our institutions have been certified or accredited within the ISO system. Some of them had passed the certification or accreditation audit for several times by 2008. Among these are the hospital pharmacy, laboratory of metrology, department of blood transfusion, dope testing department, and the whole Institute of Clinical Biochemistry and Laboratory Medicine, including the laboratories for biochemistry, serology, microbiology and molecular genetics. This is an important point of departure for the development of certification and accreditation activities within the system of control of quality for other medical or non-medical units and parts of the General Teaching Hospital. By the end of 2008, preparations for accreditation of the General Teaching Hospital have begun. An important role in the activity of the Hospital is played by the effort to solve specific problems using the finance of the European Social Fund. A considerable part of these activities was covered by



MUDr. Jan Bříza, CSc., MBA
Managing Director of the General Teaching Hospital

the ESF grant *Quality in the General Teaching Hospital* (CZ.04.3.07/4.102.3/4043.). Another of our successful activities is the ESF project *Garden – protected workshops and integrating centre of the General Teaching Hospital in Prague* (CZ.04.3.07/2.1.01.2/2205), which – on the basis of protected workshops – helps a specific group of patients of the Department of Psychiatry to integrate in life, supporting the rehabilitation of St. Catherine Garden at a time. Both these grants achieved a very good rating, and upgrading projects received support for the next period. In competition for the support by European grants, several other projects by the General Teaching Hospital succeeded. These were four projects within the Financial Mechanisms of the European Economic Area and the Norwegian Kingdom, four projects within OPPA with the support of ESF, and one project submitted within the second action programme of the Union for the sphere of health care. The success rate of the projects prepared by the section of European grants of the General Teaching Hospital was higher than 50 per cent.

In 2008 the General Teaching Hospital had a positive economic balance at 26.9 million Czech crowns. This is good news, and so is the fact that we managed to improve the environment in some other parts of the Hospital. Alas, technical problems caused a delay in reconstruction of the 1st Surgical Department to the beginning of 2009, with the final inspection on 17th February. The interior of several buildings, such as the Department of Psychiatry, the Faculty Polyclinic and some other, got a facelift. Renovation and refurbishment of the workplaces has a good effect on teachers and students of the First Faculty of Medicine as well. Together with the management of the Faculty we also focused on improvement of the teaching rooms.

Giving a thought to 2008, it was a successful year for the General Teaching Hospital in Prague as well as for its relation with the First Faculty of Medicine of Charles University. In the public opinion poll “2007 Hospital of the Czech Republic” we occupied the first place among teaching hospitals. In 2008 the HealthCare Institute corporation organized an evaluation of hospitals in the national scale, and the results were flattering for the hospital again. In the survey concerning the patients’ satisfaction we took the second place among teaching hospitals. In the survey concerning the employees’ satisfaction the Hospital occupied the fourth place within the country and the first within the city. In the ultimate overall standing for 2008 our Hospital took the 5th place among all hospitals in the Czech Republic, and 1st place among teaching hospitals. We do appreciate every award for the Hospital very much. Certainly we were pleased to hear that the communi-

cation of our staff – both doctors and nurses – with the patients was highly esteemed, and so were their approach, positive reassuring and quality of the care provided. For this coming year again we have prepared communication classes for the health care staff to enable them to communicate with the patients, to reassure them and learn about their needs in a better and more comprehensible way. I also hold these steps for important for the cultivation of the environment of the teaching hospital, serving for clinical training of medical students as well as those of nursing, physiotherapy and other health care professions.

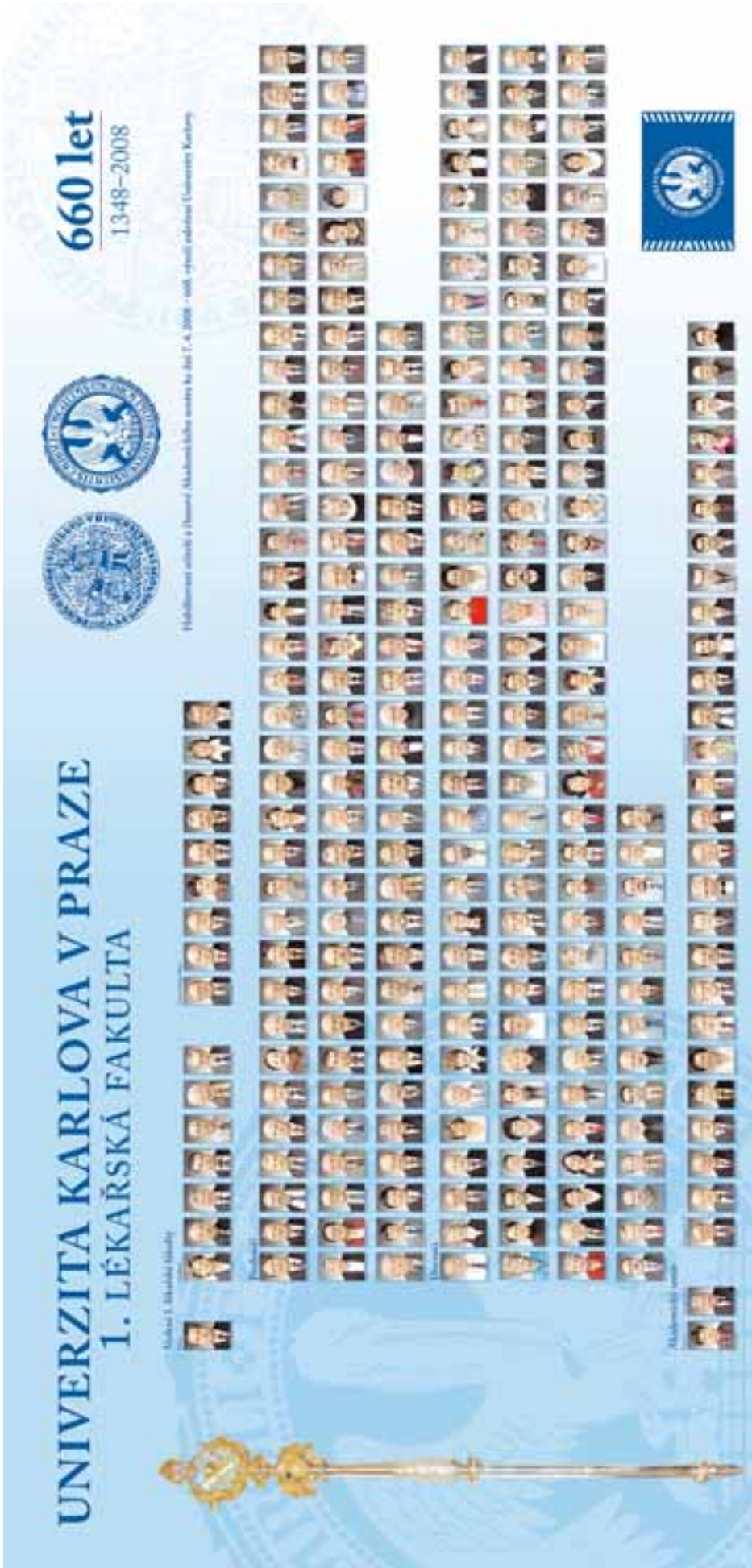
As the year passed by, there were not only good turns. At the night of 30th December 2008 there was a fire in the clinical part of the Department of Stomatology. Luckily, no one was injured or put at immediate danger. The damages, however, forced us to close the dental ward of the clinic and adopt a makeshift solution to cover, above all, the urgent care before finishing the repair. Again the health care staff demonstrated their ability and willingness to put their shoulders to the wheel. I really appreciate the asset of all those who contributed to the solution of the hot situation and its impact.

The basic activity of a hospital, of course, is diagnosis and treatment. In this respect, we were able to introduce a number of new methods and diagnostic appliances, and to improve the environment for the patients. A great deal of work was done in removing barriers for the disabled, by building approach ramps, new lifts, toilets or even whole wards.

The first half of 2009 is marked by the Czech chairmanship in the European Union. At the turn of the year the economic problems arose worldwide. By any means, we cannot expect that these problems may not reflect in the Czech Republic and its health service. The more consequently and thoughtfully we will have to handle each crown spent by the hospital. We are going to continue the measures to enhance the efficiency of health care processes, and the updating of medical technology. One thing that I hold for an important asset is the education of the hospital staff. The tasks entailed by the needs of postgraduate education are not easy ones, but a hospital like the General Teaching Hospital must ensure quality education for physicians as well as other health care professionals in the full range of the accreditations possessed, and by far not only for its own staff.

Therefore, a lot of challenges have to be faced in 2009. I hope we can cope with the problems in a way that would justify our reputation and to the benefit of our patients. Let’s wish that 2009, however challenging it is, may be a good year for our health service, our hospital, our faculty and each of us.

*MUDr. Jan Bríža, CSc., MBA
Managing Director of the General Teaching Hospital*



The photo table made on the occasion of the 660th anniversary of Charles University. It presents the teachers of the First Faculty of Medicine and its Academic Senate in its composition by 7th April 2008

MANAGEMENT



FIRST FACULTY OF MEDICINE – MANAGEMENT

FIRST FACULTY OF MEDICINE – MANAGEMENT
TILL 31ST AUGUST 2008

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

DEAN'S OFFICE BOARD

Vice-Deans:

prof. MUDr. Stanislav Štípek, DrSc.
First Vice-Dean and Vice-Dean for Education
prof. MUDr. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Education and Postgraduate Studies
prof. MUDr. Otomar Kittnar, CSc., MBA
Vice-Dean for Development of the Faculty, International Students and Social Affairs
prof. MUDr. Jana Dušková, DrSc., MBA
Vice-Dean for Stomatology and Dentistry
prof. MUDr. Aleš Linhart, DrSc.
Vice-Dean for Health Care Study Programmes, International Relations and Representation of the Faculty
prof. MUDr. Aleksi Šedo, DrSc.
Vice-Dean for Grant Agenda
prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Science, Accreditation and Evaluation

Members of Dean's Office Board

doc. MUDr. Petr Bartůněk, CSc.
prof. MUDr. Jan Betka, DrSc.
MUDr. Jan Bříza, CSc., MBA
MUDr. Bc. Marek Hilšer
prof. MUDr. Alois Martan, DrSc.
prof. MUDr. Jiří Mazánek, DrSc.
prof. MUDr. Karel Smetana, DrSc.
Ing. Eva Soubustová, MBA
prof. MUDr. Jan Škrha, DrSc., MBA

FIRST FACULTY OF MEDICINE – MANAGEMENT
SINCE 1ST SEPTEMBER 2008

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

DEAN'S OFFICE BOARD

Vice-Deans:

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

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

Members of Dean's Office Board

doc. MUDr. Petr Bartůněk, CSc.
prof. MUDr. Jan Betka, DrSc.
MUDr. Jan Bříza, CSc., MBA
MUDr. Bc. Marek Hilšer
prof. MUDr. Alois Martan, DrSc.
prof. MUDr. Jiří Mazánek, DrSc.
prof. MUDr. Karel Smetana, DrSc.
Ing. Eva Soubustová, MBA
prof. MUDr. Jan Škrha, DrSc., MBA
prof. MUDr. Stanislav Štípek, DrSc.

COMPOSITION OF THE ACADEMIC SENATE

Chairman: MUDr. Marek Hilšer

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

Teachers' representatives:

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

Students' representatives:

Jakub Albrecht
prof. MUDr. RNDr. Jiří Beneš, CSc.
MUDr. Jan Bruthans
Eliška Feltlová
MUDr. Bc. Marek Hilšer
Suzanna Hutt
Jakub Chmelo
MUDr. Martin Klein
Jonathan Menon
Kamál Mezian
Oliver Nosek
Michaela Romerová
Pavel Rutar
MUDr. Pavel Šnajdr
Pavlína Zborníková

SCIENTIFIC BOARD TILL 31ST AUGUST 2008

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

prof. MUDr. Michael Aschermann, DrSc.

prof. MUDr. Vladimír Bencko, DrSc.
 prof. MUDr. Vladimír Beneš, DrSc.
 prof. MUDr. Jan Betka, DrSc.
 doc. MUDr. Jan Daneš, CSc.
 prof. MUDr. Pavel Dungl, DrSc.
 prof. MUDr. Jana Dušková, DrSc., MBA
 prof. MUDr. Jan Dvořáček, DrSc.
 prof. MUDr. Miloš Grim, DrSc.
 doc. MUDr. Petr Hach, CSc.
 prof. MUDr. Zdeněk Hájek, DrSc.
 prof. MUDr. Tomáš Hanuš, DrSc.
 prof. MUDr. Jiří Homolka, DrSc.
 prof. MUDr. Otomar Kittnar, CSc., MBA
 prof. MUDr. Pavel Klener, DrSc.
 prof. MUDr. Jiří Mazánek, DrSc.
 prof. MUDr. Emanuel Nečas, DrSc.
 prof. MUDr. Soňa Nevšimalová, DrSc.
 prof. MUDr. Karel Pavelka, DrSc.
 prof. MUDr. Daniela Pelclová, CSc.
 prof. MUDr. František Perlík, DrSc.
 doc. MUDr. Luboš Petruželka, CSc.
 prof. MUDr. Ctibor Povýšil, DrSc.
 prof. MUDr. Jiří Raboch, DrSc.
 prof. PhDr. Milada Říhová, CSc.
 prof. MUDr. Antonín Sosna, DrSc.
 prof. MUDr. Štěpán Svačina, DrSc., MBA
 prof. MUDr. Stanislav Štípek, DrSc.
 prof. MUDr. Jiří Štork, CSc.
 doc. MUDr. Jan Šváb, CSc.
 prof. MUDr. Vladimír Tesař, DrSc., MBA
 prof. MUDr. Jiří Zeman, DrSc.
 prof. MUDr. Aleš Žák, DrSc.

External members of the Scientific Board

MUDr. Pavel Bém
 prof. MUDr. Evžen Čech, DrSc.
 prof. MUDr. Jiří Duchoň, DrSc.
 prof. Ing. Jan Evangelista Dyr, DrSc.
 doc. MUDr. Vojtěch Hainer, CSc.
 prof. MUDr. Miloš Hájek, DrSc.
 MUDr. Pavel Chrz
 prof. RNDr. Helena Illnerová, DrSc.
 MUDr. Petr Jandl, CSc.
 prof. RNDr. Milan Kodíček, CSc.
 prof. Ing. Svatava Konvičková, CSc.
 RNDr. Jaroslav Kuneš, DrSc.
 MUDr. Antonín Malina, Ph.D., MBA
 RNDr. Šárka Němečková, DrSc.
 prof. Ing. Rudolf Poledne, CSc.
 prof. Ing. Miloslav Suchánek, CSc.
 prof. MUDr. Josef Syka, DrSc.
 prof. MUDr. Helena Tlaskalová, DrSc.
 doc. MUDr. Jan Veverka, CSc.

Foreign honorary members of the Scientific Board

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



On 28th May 2008, Professor Daniel Callahan (left) was – to the proposal by the First Faculty of Medicine – awarded the Honorary Doctor degree in the Great Hall of the renowned old Karolinum, in recognition of his key importance in the field of medical ethics in USA, Europe and other countries

SCIENTIFIC BOARD SINCE 1ST SEPTEMBER 2008

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

prof. MUDr. Michael Aschermann, DrSc.

prof. MUDr. Vladimír Bencko, DrSc.

prof. MUDr. Vladimír Beneš, DrSc.

prof. MUDr. Jan Betka, DrSc.

prof. MUDr. Jan Daneš, CSc.

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plk. MUDr. Štefan Brunclík, MBA

prof. MUDr. Evžen Čech, DrSc.

prof. MUDr. Jiří Duchoň, DrSc.

MUDr. Zdeněk Hadra

doc. MUDr. Vojtěch Hainer, CSc.

prof. MUDr. Miloš Hájek, DrSc.

MUDr. Pavel Chrz

prof. RNDr. Helena Illnerová, DrSc.

prof. RNDr. Milan Kodíček, CSc.

prof. Ing. Svatava Konvičková, CSc.

doc. MUDr. Jan Malý, CSc.

RNDr. Šárka Němečková, DrSc.

doc. MUDr. Josef Podstata, DrSc.

prof. Ing. Rudolf Poledne, CSc.

prof. Ing. Miloslav Suchánek, CSc.

prof. MUDr. Josef Syka, DrSc.

prof. Ing. Karel Ulbrich, DrSc.

doc. MUDr. Jan Veverka, CSc.

prof. Ing. Jiří Witzany, DrSc.

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Eugene Garfield, Ph.D.

prof. Dr. Pavel Hammet

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prof. Dr. Jan Klášterský

MUDr. Tomáš Klíma, CSc.

prof. Dr. Gérard Michel London

prof. Dr. Jiří Městecký

prof. Dr. Přemysl Poňka

prof. Dr. Josef T. Prchal

prof. Dr. Alexandr Schirger

prof. Dr. Emil Skamene

prof. Dr. Adolf Stafel, Ph.D.

ORGANIZATIONAL CHANGES



ORGANIZATIONAL CHANGES AND COMPOSITION OF THE STAFF

Development of the number of the academic staff in 2008 (actual and converted to full-time positions) is documented in the chart and diagrams. A favourable trend is obvious both in qualifications and ages. The Faculty's orientation towards top-level research has brought a considerable proportion of finance on science in the total budget of the Faculty. This positively reflexes in the growing percentage of young scientific and scientific/educational staff. Visualization of this shows the growing percentage of employees below 29 years of age and – the other way – the decrease in employees over 50 and most markedly over 60 years of age.

Of the extensive and complex reconstruction works, those in the building at 32 Kateřinská / 3 Na Bojišti must be mentioned. Part of the reconstructed premises has already been operational again. The work on reconstruction of the building at 4 U Nemocnice started. Concurrently the work on preparation of project documentation for the reconstruction of other buildings of the Faculty between 2009 and 2015 was in process in co-operation with the Rector's Office of Charles University.

The endeavour of the Faculty was also directed towards preparation and implementation of minor improvements and reconstructions in particular buildings of the Faculty. Of these, let us mention development of the premises of the Section of Addictology and new premises for the Institute of General Medicine, where it should move in February 2009. It will also include equipment of model surgery room for training in clinical skills. Other develop-

ment actions to promote modern teaching will also include model classrooms and manikin laboratories at particular institutes and departments.

Throughout the year 2008, intensive preparation of development of the Albertov campus, a joint project by three faculties of Charles University: the First Faculty of Medicine, Faculty of Science and Faculty of Mathematics and Physics. During the talks the project obtained a particular shape, resulting from the needs of development of the faculties involved, in particular development of top-level technologies required for performance of contemporary, highly competitive scientific work. A load study was done and the analysis of the scope of possibilities for funding the project is in process, done in co-operation with the Rector's Office of Charles University. The main obstacle in this respect is the impossibility of spending considerable resources, coming from European funds, in the city of Prague.

The First Faculty of Medicine, together with the Faculty of Science and six institutes of the Academy of Sciences of the Czech Republic, participates in preparation of the extensive project of the Biotechnological Centre Vestec (BIOCEV). The aim of our participation in this project under the EC programme Research and Development for Innovation (axis European Centres of Excellence) is to create technologic support indispensable for top-level science performed by the teams of researchers from the First Faculty of Medicine.

Prof. MUDr. Aleksi Šedo, DrSc.

Vice-Dean for Grant Projects and Development of the Faculty

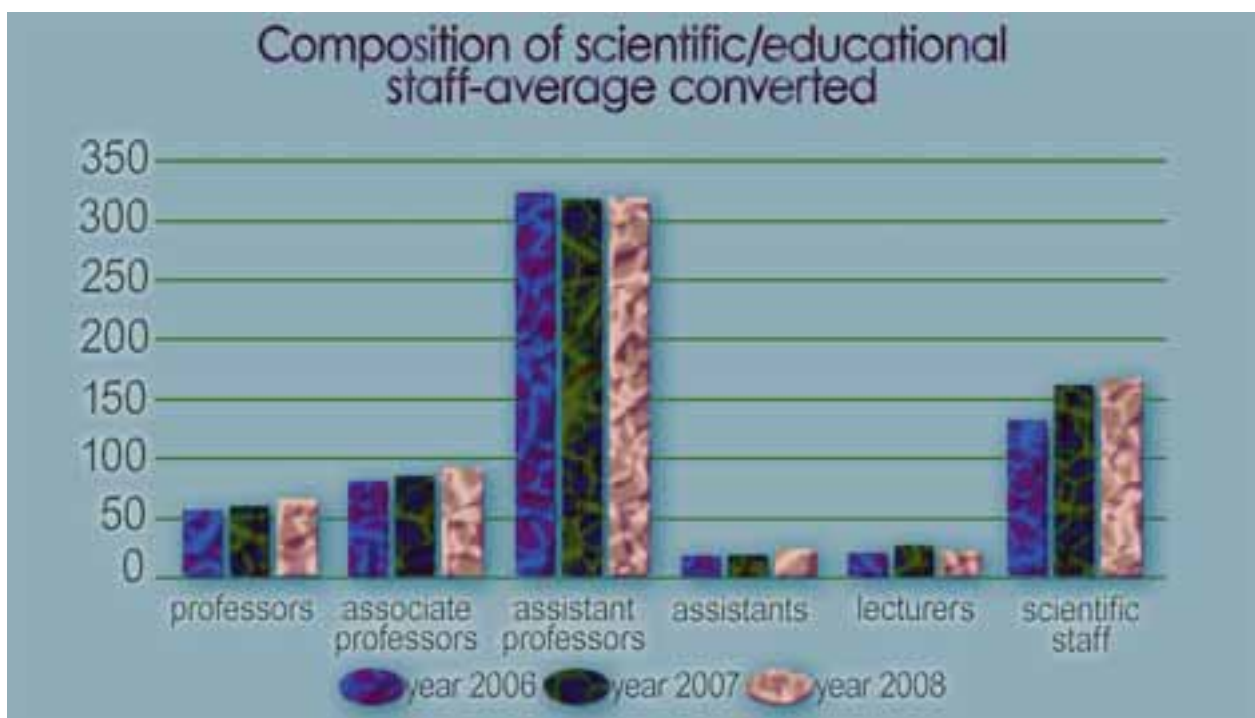
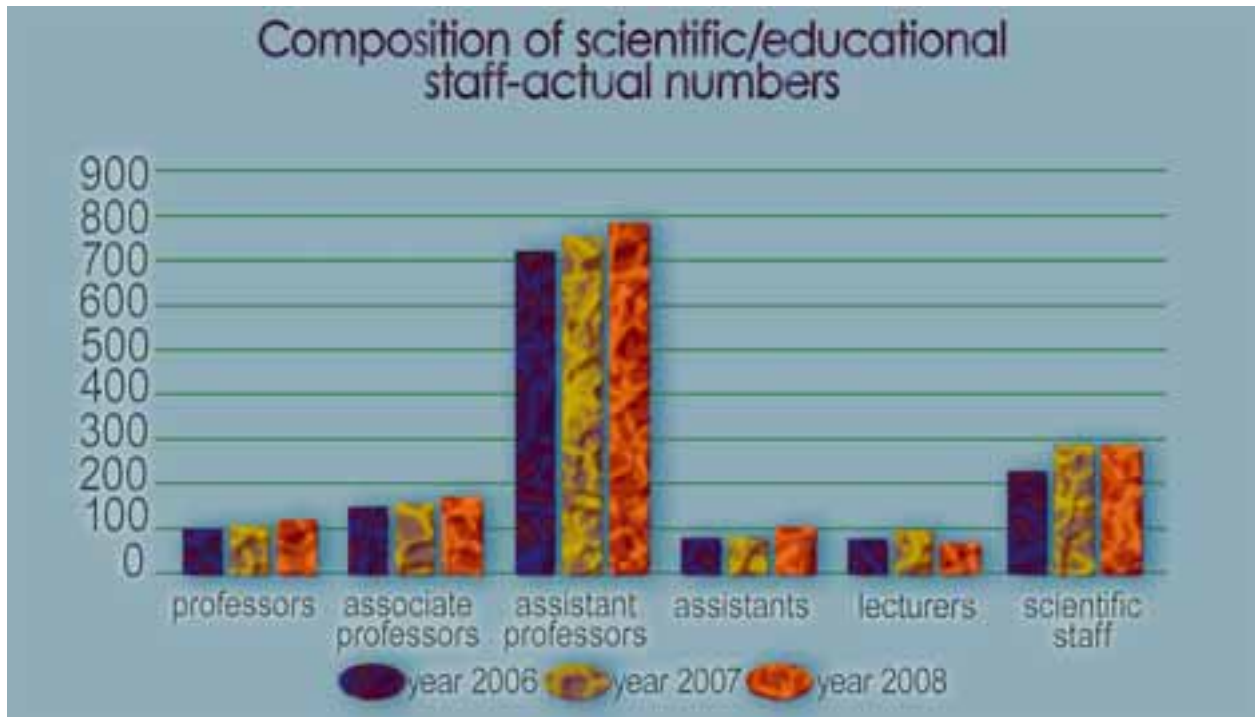
Organization units where new Heads or Managers were appointed in 2008

Unit	New head/manager
1st Medical Department–Clinical Department of Haematology	Doc. MUDr. Marek Trněný, CSc.
Institute of Humanitarian Studies in Medicine	Doc. ThDr. Václav Ventura, Th.D.
Institute of Public Health and Medical Law	MUDr. Mgr. Jolana Těšínová
Institute of Clinical and Experimental Haematology at the Institute of Haematology and Blood Transfusion	Prof. Ing. Jan Evangelista Dyr, DrSc.
Department of Pneumology with Thomayer Teaching Hospital	Prof. MUDr. Jiří Homolka, DrSc.
Institute of Biophysics and Informatics	Prof. MUDr. RNDr. Jiří Beneš, CSc.
Institute of Nursing Theory and Practice	Mgr. Eva Marková

Number of scientific and educational staff between 2006 and 2008

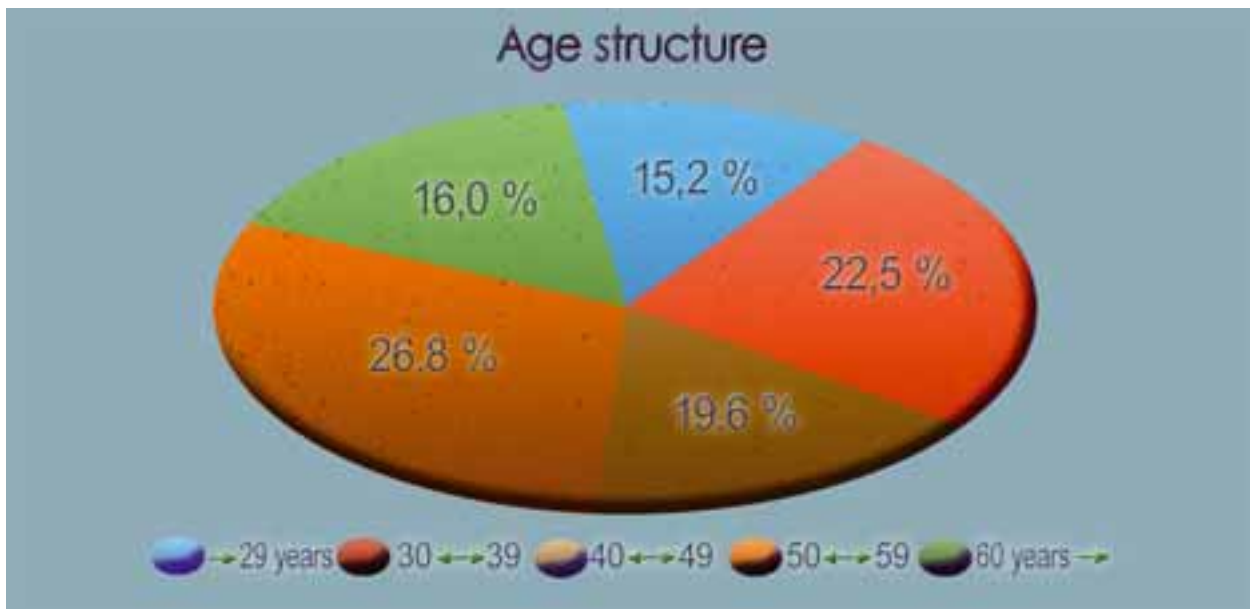
	2006		2007		2008	
	actual number of employees	average converted full-time positions	actual number of employees	average converted full-time positions	actual number of employees	average converted full-time positions
total	1355	678.287	1451	715.005	1515	731.656
professors	100	78.912	113	79.148	120	82.502
associate professors	143	98.294	152	101.656	163	103.608
assistant professors	715	320.656	740	315.437	775	318.678
assistants	71	24.145	73	23.738	98	29.165
lecturers	82	23.756	93	29.515	75	26.895
scientific staff	238	132.524	280	165.511	284	170.808

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



Survey of the age structure of the staff in 2008

Age	Percentage
up to 29 years	15.17
30–39 years	22.46
40–49 years	19.55
50–59 years	26.78
60 years and over	16.04



APPOINTMENT OF PROFESSORS AND ASSOCIATE PROFESSORS IN 2007

In 2008 the Scientific Board of the First Faculty of Medicine performed 7 procedures for appointment to professor posts. All of these were approved by the Scientific Board and passed to the Rector's Office of Charles University for further procedures. The Scientific Board of Charles University in Prague discussed twelve proposals from the First Faculty of Medicine; all the proposals were approved on and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures.

The President of the Czech Republic appointed 13 new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board performed 18 habilitation procedures. By the Rector of Charles University, 19 Associate Professors were appointed in 2008 who had passed the habilitation procedures at the First Faculty of Medicine of Charles University in Prague.

Numbers of Appointment procedures passed in the Scientific Board of the First Faculty of Medicine of Charles University in Prague (1995–2008)

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

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

PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2008

doc. RNDr. Libuše Kolářová, CSc.

Chair of Microbiology of the Institute for Further Education of Physicians, Prague

Appointment procedure in the field of **Medical microbiology**

Scientific Board of the First Faculty of Medicine on 29 January 2008

Title of the lecture: Importance of avian schistosomes in human medicine

Scientific Board of Charles University on 26 June 2008

doc. MUDr. Marek Babjuk, CSc.

Department of Urology of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Urology**

Scientific Board of the First Faculty of Medicine on 26 February 2008

Title of the lecture: Diagnostic and prognostic factors in bladder carcinoma

Scientific Board of Charles University on 26 June 2008

doc. MUDr. Renata Cífková, CSc.

Section of Preventive Cardiology of the Institute of Clinical and Experimental Medicine, Prague

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

Scientific Board of the First Faculty of Medicine on 26 February 2008

Title of the lecture: Hypertension in females

Scientific Board of Charles University on 26 June 2008

doc. MUDr. Ondřej Víklický, CSc.

Department of Nephrology of the First Faculty of Medicine and General Teaching Hospital

Transplantation Centre of the Institute of Clinical and Experimental Medicine

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

Scientific Board of the First Faculty of Medicine on 25 March 2008

Title of the lecture: Functional genomics and transplantation of the kidney

Scientific Board of Charles University on 27 November 2008

doc. MUDr. David Cibula, CSc.

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

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

Scientific Board of the First Faculty of Medicine on 27 May 2008

Title of the lecture: Surgical treatment of cervical carcinoma

Scientific Board of Charles University on 25 September 2008

doc. MUDr. Vladimír Komárek, CSc.

Department of Paediatric Neurology of the Second Faculty of Medicine and Motol Teaching Hospital

Appointment procedure in the field of **Neurology**

Scientific Board of the First Faculty of Medicine on 24 June 2008

Title of the lecture: Diagnosis and treatment of intractable epilepsy

Scientific Board of Charles University on 27 November 2008

doc. MUDr. Mojmír Kasalický, CSc.

1st Department of Surgery of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Surgery**

Scientific Board of the First Faculty of Medicine on 25 November 2008

Title of the lecture: Bariatric Surgery.

Scientific Board of Charles University on 26 February 2009

PROFESSORS APPOINTED IN 2008

doc. MUDr. Luboš Petruželka, CSc.

Department of Oncology of the First Faculty of Medicine and General Teaching Hospital

Institute of Radiation Oncology of the First Faculty of Medicine and Teaching Hospital Na Bulovce

Appointment procedure in the field of **Oncology**

Scientific Board of the First Faculty of Medicine on 28 November 2006

Title of the lecture: Development of solid tumours in past 20 years in an oncologist's view

Scientific Board of Charles University on 25 October 2007

Appointed with the effect from 20 May 2008

doc. MUDr. Michal Kršek, CSc.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board of the First Faculty of Medicine on 27 February 2007

Title of the lecture: Cushing syndrome

Scientific Board of Charles University 25 October 2007

Appointed with the effect from 20 May 2008

doc. MUDr. Hana Papežová, CSc.

Department of Psychiatry of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Psychiatry**

Scientific Board of the First Faculty of Medicine on 27 February 2007

Title of the lecture: Food intake disorders, selected biopsychosocial factors: mutual influence of research and clinical practice

Scientific Board of Charles University on 25 October 2007

Appointed with the effect from 20 May 2008

doc. MUDr. Václav Hána, CSc.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board of the First Faculty of Medicine on 27 March 2007

Title of the lecture: Growth hormone deficiency in adulthood

Scientific Board of Charles University on 13 December 2007

Appointed with the effect from 20 May 2008

doc. MUDr. Martin Haluzík, DrSc.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board of the First Faculty of Medicine on 27 March 2007

Title of the lecture: Importance of adipose tissue and its endocrine function in metabolic regulations

Scientific Board of Charles University on 13 December 2007

Appointed with the effect from 20 May 2008

doc. MUDr. Zdeněk Krška, CSc.

1st Department of Surgery of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Surgery**

Scientific Board of the First Faculty of Medicine on 27 March 2007

Title of the lecture: Laparoscopic surgery – scope and limits

Scientific Board of Charles University on 27 September 2007

Appointed with the effect from 20 May 2008

doc. MUDr. Alexandra Jirkovská, CSc.

Diabetology Centre of the Institute of Clinical and Experimental Medicine, Prague

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

Scientific Board of the First Faculty of Medicine on 24 April 2007

Title of the lecture: Diabetic foot syndrome – from pathogenesis to practice

Scientific Board of Charles University on 13 December 2007

Appointed with the effect from 20 May 2008

doc. MUDr. Miroslav Zavoral, Ph.D.

Department of Medicine of the First Faculty of Medicine at Central Military Hospital

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

Scientific Board of the First Faculty of Medicine on 24 April 2007

Title of the lecture: Screening of sporadic colorectal carcinoma in the Czech Republic

Scientific Board of Charles University on 31 January 2008

Appointed with the effect from 20 May 2008

doc. MUDr. Josef Vymazal, DSc.

Radiodiagnostic Department of the Hospital Na Homolce

Appointment procedure in the field of **Radiology**

Scientific Board of the First Faculty of Medicine on 26 June 2007

Title of the lecture: Brain MRI: clinical application of experimental protocols

Scientific Board of Charles University on 28 February 2008

Appointed with the effect from 1 November 2008

doc. MUDr. Richard Plavka, CSc.

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

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

Scientific Board of the First Faculty of Medicine on 2 October 2007

Title of the lecture: Reduction of morbidity in newborns with extremely low body mass:

A topical problem in neonatology

Scientific Board of Charles University on 27 March 2008

Appointed with the effect from 1 November 2008

doc. MUDr. Libor Vitek, Ph.D., MBA

Institute of Clinical Biochemistry and Laboratory Diagnostics of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Medical chemistry and biochemistry**

Scientific Board of the First Faculty of Medicine on 2 October 2007

Title of the lecture: Bilirubin and oxidative stress

Scientific Board of Charles University on 27 March 2008

Appointed with the effect from 1 November 2008

doc. MUDr. Ludmila Prokešová, CSc.

Institute of Immunology and Microbiology of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Medical immunology**

Scientific Board of the First Faculty of Medicine on 27 November 2007

Title of the lecture: Adjuvant mucosal immunization

Scientific Board of Charles University on 27 March 2008

Appointed with the effect from 1 November 2008

doc. MUDr. Zuzana Červinková, CSc.

Institute of Physiology of Faculty of Medicine of Charles University (in Hradec Králové)

Appointment procedure in the field of **Medical physiology**

Scientific Board of the First Faculty of Medicine on 27 November 2007

Title of the lecture: Regeneration of the liver – Prometheus' mystery
Scientific Board of Charles University on 24 April 2008
Appointed with the effect from 1 November 2008

HABILITATION PROCEDURES PASSED IN THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE IN 2008

MUDr. Tomáš Kvasnička, CSc.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **Internal medicine**
Scientific Board on 29 January 2008
Title of the lecture: Atherogenesis and possibilities of influencing some cardiometabolic hazards
Appointed with the effect from 1 April 2008

MUDr. Martina Vašáková, Ph.D.

Department of Pneumology of the First Faculty of Medicine and Thomayer Teaching Hospital
Appointment procedure in the field of **Internal medicine**
Scientific Board on 29 January 2008
Title of the lecture: Correlation of gene polymorphism of cytokines with HRCT score and cell sub-populations in BALTe in patients with idiopathic fibrosis of the lungs
Appointed with the effect from 1 May 2008

MUDr. Zdenka Gašová, CSc.

Institute of Haematology and Blood Transfusion
Institute of Clinical & Experimental Haematology of the First Faculty of Medicine and Institute of Haematology and Blood Transfusion
Appointment procedure in the field of **Internal medicine**
Scientific Board on 26 February 2008
Title of the lecture: Technique of haemaferesis in treatment of the ill
Appointed with the effect from 1 May 2008

MUDr. Alexander Pilin, CSc.

Institute of Forensic Medicine and Toxicology of the First Faculty of Medicine
Appointment procedure in the field of **Forensic medicine**
Scientific Board on 25 March 2008
Title of the lecture: Establishing the age in forensic medicine
Appointed with the effect from 1 June 2008

MUDr. Mgr. Milan Jirsa, CSc.

Section of Experimental Medicine of the Institute of Clinical and Experimental Medicine, Prague
Institute of Clinical Biochemistry and Laboratory Diagnostics of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **Clinical biochemistry**
Scientific Board on 25 March 2008
Title of the lecture: Familial hyperbilirubinaemia
Appointed with the effect from 1 October 2008

RNDr. Jan Bednár, Ph.D.

Institute of Cell Biology and Pathology of the First Faculty of Medicine
Appointment procedure in the field of **Medical biophysics**
Scientific Board on 29 April 2008
Title of the lecture: Structural elements directing arrangement and stability of a chromatin fibre
Appointed with the effect from 1 October 2008

MUDr. Michal Mára, CSc.

Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **Gynaecology and obstetrics**
Scientific Board on 29 April 2008
Title of the lecture: Treatment of uterine myomas in females of fertile age
Appointed with the effect from 1 July 2008

MUDr. Jan Vevera, Ph.D.

Department of Psychiatry of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **Psychiatry**
Scientific Board on 27 May 2008
Title of the lecture: Biological and environmental factors of violent behaviour
Appointed with the effect from 1 December 2008

MUDr. Petra Tesařová, CSc.

Department of Oncology of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **Oncology**
Scientific Board on 27 May 2008
Title of the lecture: Breast carcinoma, activity of the disease, minimum residual illness and adjuvant therapy
Appointed with the effect from 1 October 2008

MUDr. Ondřej Slanař, Ph.D.

Institute of Pharmacology of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **Medical pharmacology**
Scientific Board on 24 June 2008
Title of the lecture: Genetically influenced variability of pharmacokinetics a pharmacodynamics of medicines
Appointed with the effect from 1 December 2008

MUDr. Petra Svozílková, Ph.D.

Department of Ophthalmology of the First Faculty of Medicine and General Teaching Hospital
Institute of Pharmacology of the First Faculty of Medicine
Appointment procedure in the field of **Ophthalmology**
Scientific Board on 24 June 2008
Title of the lecture: Aspects of pathogenesis and therapy of uveitides
Appointed with the effect from 1 November 2008

RNDr. Dušan Cmarko, Ph.D.

Institute of Cell Biology and Pathology of the First Faculty of Medicine
Appointment procedure in the field of **Medical biology**
Scientific Board on 23 September 2008
Title of the lecture: Perichromatin region: functional compartment in the cell nucleus
Appointed with the effect from 1 January 2009

MUDr. Daniel Vyoral, CSc.

Institute of Pathological Physiology of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **Pathological physiology**
Scientific Board on 23 September 2008
Title of the lecture: Complexomics – study of protein “nanomachines”. Protein complexes in cellular transportation of iron
Appointed with the effect from 1 January 2009

MUDr. Bohumil Seifert, Ph.D.

Institute of General Medicine of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Hygiene and epidemiology**
Scientific Board on 21 October 2008

Title of the lecture: Screening of colorectal carcinoma and general practitioners' role

Appointed with the effect from 1 February 2009

MUDr. Tomáš Štulc, Ph.D.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board on 21 October 2008

Title of the lecture: Influence of therapy on selected laboratory indicators of the process of atherogenesis

Appointed with the effect from 1 February 2009

MUDr. Tomáš Binder, CSc.

Department of Gynaecology and Obstetrics of the Second Faculty of Medicine and Teaching Hospital Motol

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

Scientific Board on 25 November 2008

Title of the lecture: Intrahepatal cholestasis of the pregnant (ICP)

MUDr. Kateřina Linhartová, Ph.D.

Cardiovascular Centre of Teaching Hospital Motol, 2nd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board on 16 December 2008

Title of the lecture: Calcified aortal stenosis: risk factors and importance of evaluation of morphology of aortic valve

HABILITATION PROCEDURES AT THE FIRST FACULTY OF MEDICINE – ASSOCIATE PROFESSORS APPOINTED IN 2008

MUDr. Ing. Daniel Smutek, Ph.D.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Medical informatics**

Scientific Board on 2 October 2007

Title of the lecture: Texture analysis in medical imaging

Appointed with the effect from 1 February 2008

MUDr. Jan Malík, CSc.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board on 30 October 2007

Title of the lecture: Response of arteries to acute and chronic rise in glide tension

Appointed with the effect from 1 February 2008

MUDr. Robert Lischke, Ph.D.

3rd Department of Surgery of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Surgery**

Scientific Board on 30 October 2007

Title of the lecture: Transplantation of lungs in the Czech Republic

Appointed with the effect from 1 February 2008

MUDr. Jan Marek, Ph.D.

2nd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

Cardiothoracic Unit, Great Ormond Street Hospital for Children, Londýn

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

Scientific Board on 30 October 2007

Title of the lecture: Pre-natal cardiology at the turn of the third millennium

Appointed with the effect from 1 February 2008

MUDr. Michal Semrád, CSc.

2nd Department of Surgery of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Surgery**

Scientific Board on 27 November 2007

Title of the lecture: Integrated procedures of the Cardiocentre of the General Teaching Hospital in treatment of coronary heart disease

Appointed with the effect from 1 March 2008

RNDr. Zuzana Zemanová, CSc.

Institute of Clinical Biochemistry and Laboratory Diagnostics of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **Medical genetics**

Scientific Board on 18 December 2007

Title of the lecture: Analysis of chromosomal aberrations in tumour cells through molecular cytogenetic methods

Appointed with the effect from 1 March 2008

MUDr. Robert Holaj, CSc., MBA

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board on 18 December 2007

Title of the lecture: Intimo-medial thickness of the carotid artery – importance for clinical practice

Appointed with the effect from 1 March 2008

MUDr. Tomáš Zelinka, CSc.

3rd Department of Medicine of the First Faculty of Medicine and General Teaching Hospital

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

Scientific Board on 18 December 2007

Title of the lecture: Feochromocytoma – the tumour of many faces

Appointed with the effect from 1 March 2008

Prof. MUDr. Aleš Žák, DrSc.

Vice-Dean for Science, Accreditation and Evaluation

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

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



*The solemn lecturing afternoon in the Holy Rood Chapel at the Department of Gynaecology and Obstetrics called *Spiritual, statesman's and artistic legacy of Charles IV*, dedicated to the 660th anniversary of Charles University*



Preparation of exhibition called „Historic medical instruments and devices” which was held at the New Town City Hall to commemorate the 660th anniversary of Charles University and the First Faculty of Medicine. In less than three weeks it was seen by more than 4,000 visitors from all over the country and abroad

EDUCATION



EDUCATION

BRIEF SURVEY OF TUITION

Branches of studies in brief

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

In the fields of general medicine and dentistry, the tuition is performed in English language as well. This is provided for self-

paying international students, who also take an intensive Czech language course so that they will be able to communicate with the patients in the later years of studies.

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

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

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

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

Entrance procedures

New students were admitted according to the scores of written tests in physics, chemistry and biology. Prior to the entrance procedure, the whole set of test questions had been published. Using the method of random choice by a computer, tests at the presumed level of difficulty were made up out of this set of several thousands of questions immediately before the examination, and these tests were done by the applicants in one day. The scoring and compiling the list stating the sequence of applicants according to the scores were done by a computer and the standings were announced on the internet on the following day. For the 2008 entrance procedure, also the fourth test was prepared, which was to check the general studying ability. Although it was not scored yet in 2008, it is a novelty which improves the system and is to be fully included in the total scores in the following year. The test is prepared in co-operation with the Faculty of Philosophy and Arts, which has had many years' experience with it, and the two faculties are about to improve the test further.

Organization of studies

The First Faculty of Medicine has met all aspects of the recommendation by the Commission of the European Union and its Commission for Medical Education. Since the academic year 2006–2007 the



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

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

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

A good deal of the agenda concerning the studies is done in the electronic form through the Student Information System (SIS) of Charles University, which serves both the students and teachers. This system enables electronic enrolment and record of subjects, dates of examination, record of marks, and also includes basic information on subjects (schedules, teachers, syllabi, lists of recommended literature, etc.). In autumn 2008, as the first stage of reconstruction of the building of the Dean's Office was completed, the Department of Students' Affairs moved to new rooms

in Kateřinská St. as well. In near future it will be equipped with a modern signal device that will offer the students with an easier access to settling their agenda in person.

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

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

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

Available for students is the library, which provides loans of literature to study, and in autumn 2008 a clubroom, which offers refreshments too, was opened for students in the Purkinje building.

Education in general medicine

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



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

the forms as defined by the Studies and Examination Regulations (such as exams or credits).

Theoretical and pre-clinical studies

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

In 2008 the tuition was implemented according to curricula; particular institutes increased the number of their educative presentations on the Educational Portal of the First Faculty of Medicine, and gradually became involved in the Wikiskripta programme as well.

At the *Institute of Anatomy*, the refurbishing of some rooms for theoretical training was completed. The Great Lecture Hall of the Institute was reconstructed as well, the equipment being updated but the valuable historic character of the room preserved at a time. Audiovisual translation of the lectures to the Little Lecture Hall, which is situated between the first and second floor, is now possible. The lectures of the Institute have been displayed at the Faculty's educational portal, the Institute's web pages and the www.anatomina.org portal, and are therefore fully available on the internet. Another important action was the edition of the textbook of clinical neuroanatomy. Twenty-four student lecturers have been involved in practical training of anatomy.

At the *Institute of Biophysics and Informatics* a new computer room was opened. The offer of e-learning forms of training for both Master and Bachelor programmes widened. For the study of biophysics, text-and-sound lectures are available; in preparation for practicals the student can use the catalogue of methods and videos that demonstrate the correct practical procedures. For the study of computer technology, an e-learning course in three parts and lectures are available for the students.

The *Institute of Biology and Medical Genetics* has been setting up a teaching block in the *Wikiskripta*. Also a new teaching web on Genomics in Medicine is being implemented, in both Czech and English versions.

Students – Czech nationals

branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	total
medicine	344	233	217	216	223	214	1,447
dentistry and stomatology	53	44	50	54	34	25	260
nursing – full-time	21	24	22	-	-	-	67
nursing – combined	4	32	26	-	-	-	62
addictology	36	31	15	-	-	-	82
occupational therapy	17	22	25	-	-	-	64
physiotherapy	22	40	29	-	-	-	91
medical technology	16	11	19	-	-	-	46
Master – health teaching	-	11	-	-	-	-	11
Master – intensive care	38	-	-	-	-	-	38
Master – med. technology & informatics	20	28	-	-	-	-	48
total	571	476	403	270	257	239	2,216

International students (+ paying students as by 31st December 2008)

branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	total
medicine	117	87	103	87	92	71	557
(+ paying students)	126	92	42	42	27	23	352
dentistry and stomatology	13	4	3	4	10	3	37
(+ paying students)	18	14	17	8	-	-	57
addictology	-	-	-	-	-	-	0
occupational therapy	4	2	-	-	-	-	6
physiotherapy	17	9	-	-	-	-	26
nursing – full-time	2	-	-	-	-	-	2
nursing – combined	-	-	5	10	-	-	15
medical technology	8	1	3	-	-	-	12
Master – health teaching	-	1	-	-	-	-	1
Master – intensive care	1	-	-	-	-	-	1
Master – med. technology & informatics	-	-	-	-	-	-	-
Total	162	104	114	101	102	74	657
(+ total of paying students)	144	106	59	50	27	23	409

Number of students enrolled for the first year of studies*

programme	Czech	foreign
medicine	378	117
dentistry	46	7
nursing – full-time	22	1
nursing – combined	-	-
addictology	35	-
occupational therapy	24	-
physiotherapy	27	12
medical technology	17	2
Master – intensive care nursing	38	1
Master – med. technology & informatics	19	-
total	606	140

*(paying students not included)

The *Institute of Medical Biochemistry* started teaching in a completely new modern setting in the building at 32 Kateřinská. It played a principal role in establishing the *Wikiskripta* and the Educational Portal of the Faculty, including programming as well as authorship. Further it takes part in the project *Development of the educational web of medical faculties in the Czech Republic for creation and sharing of educative material on a common platform*.

The *Institute of Immunology and Microbiology* launched instruction in new facultative subjects: Modern diagnostic techniques in medical microbiology and immunology, Eco-immunology, and Basic immuno-oncology.

At the *Institute of Pathological Physiology*, some more presentations for the on-line Atlas of Physiology and Pathological

Physiology were completed under the project of the Laboratory of Biocybernetics and Computer Assisted Teaching.

At the *Institute of Pathology*, co-operation on the project “Creation of collection of virtual microscopic preparations for undergraduate education in histology and pathology”.

Education in dentistry and stomatology

2008 was already the fifth year of instruction in dentistry according to the new curriculum, and – at a time – education under the original programme of stomatology was in course for the 5th and 6th year students. For the training in pre-clinical dental subjects, two manikin laboratories were used, while clinical dentistry started being taught at the reconstructed and refurbished premises of the Department of Stomatology in the building of the Dean’s office at 32 Kateřinská. For practical education, two training halls, a prosthetic laboratory and another, third manikin laboratory have been established there. The teaching premises have been complemented with seminary rooms, new changing rooms etc., and the lecture hall of the department was fundamentally refurbished too. After this reconstruction the premises of the Department of Stomatology fully meet all contemporary requirements that are put on dental teaching institutions in Europe.

Tuition in theoretical and pre-clinical subject followed the same pattern as in the years before. Also tuition in general medical subjects was in the form of “block” clinical placements – this intensive way of training enables the students, despite of the low number of hours, to obtain a coherent general view of the other medical fields, which is important in the medical aspect as well as considering the diseases and disorders of the orofacial area. In 2008 quite a number of successful students of dentistry / stomatology went abroad for scholarships at dental schools in Rostock, Perugia and – lately – Granada, which are part of the Erasmus / Socrates programme.



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

Number of students in Bachelor and follow-up Master degree programmes in the academic year 2007–2008

Bachelor programmes	Number of students
Nursing – full-time	69
Nursing – combined	77
Occupational therapy	70
Physiotherapy (in Prague)	66
Physiotherapy (in Mariánské Lázně)	51
Medical technology	58
Addictology	82
Bachelor programmes – total	473
Follow-up Master programmes	
Medical technology and informatics	48
Health teaching for secondary schools	12
Intensive care	39
Master programmes – total	97
Non-medical programmes – total	572

Graduates in Bachelor degree programmes in 2007–2008

Field	Number of graduates
Nursing – full-time	21
Nursing – combined	34
Occupational therapy	22
Physiotherapy	27
Addictology	13
Medical technology	17
Total	134

Graduates in the follow-up Master degree programmes in 2007–2008

Field	Number of graduates
Medical technology and informatics	13
Health teaching for secondary schools	8
Total	21

Electronic support of tuition

In 2008 the development of electronic support of tuition and study has continued. With the support from the Computer Technology Department of the First Faculty of Medicine, the teachers published hundreds of study aids, including – in particular – many presentations, lectures, videos of diagnostic procedures and recorded operations, as well as electronic textbooks and atlases, on the new version of the educational portal <http://portal.lf1.cuni.cz/>. The Board for e-learning, established by the Dean, co-ordinates the development, updating and evaluation of quality of the aids on display. For particular fields, expert supervisors were appointed to assess the teaching items continuously and to propose evaluation procedures for those items that will be held for equivalents to classic textbooks. Development of such items will be considered in the evaluation of the teaching output of particular organization units and in qualification procedures. A new element in electronic teaching is the Wikiscripta, which was launched in 2008 and is open to the teachers as well as students for both

development and updating as well as study. Unlike Wikipedia, Wikiscripta is a multidisciplinary textbook rather than a dictionary. The Faculty's Educational Portal is interconnected to the educational network MEFANET (Medical Faculties Educational Network, <http://www.mefanet.cz/index-en.php>), which in 2008 connected all medical schools of the Czech Republic and the Slovak Republic. Together with Masaryk University in Brno and the Medical Faculty of Palacký University in Olomouc, the First Faculty of Medicine is one of the pioneers of the system and takes an active part in its further development. The MEFANET's common access portal <http://portal.mefanet.cz/> has opened the electronic support of education for more than 25,000 students and 4,000 teachers of medical and health science study programmes in the two countries.

A number of informative events for public were organized (such as Open Days of the Faculty and University, the Gaudeamus fair). In 2008 the Faculty gave the opinion on recognition of higher education according to international agreements in 80 cases.

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

Number of students: Czech / international (incl. paying students)	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
medicine	1702/334 (175)	1669/395 (165)	1448/575 (171)	1579/713 (188)	1395/939 (201)	1362/711 (215)	1567/586 (228)	1558/916 (242)	1479/1016 (267)	1615/1037 (331)	1447/1051 (352)
stomatology/dentistry	217/32 (19)	239/42 (18)	246/52 (16)	257/48 (15)	239/66 (17)	289/49 (14)	264/32 (16)	243/43 (11)	192/106 (29)	259/81 (46)	260/35 (57)
nursing full-time	77	80	74/1	77/1	67/2	62/6	63/3	66/2	65	73/2	67/2
nursing combined	92/2	92/3	101/6	111/7	120/7	127/18	124/4	109/21	125/23	92/15	62/15
addictology	-	-	-	-	-	-	-	-	37/1	68/0	82/0
occupational therapy	83/3	110/3	130/1	83/1	81/11	91/8	89/3	91/3	87/5	92/6	64/6
physiotherapy	-	-	-	48/2	48/3	56/6	52/17	77/6	114/17	110/26	91/26
medical technology	64/1	67	55/1	61/3	50/4	61/11	57/5	61/3	60/7	56/12	46/12
Master – intensive care	-	-	-	-	-	-	-	-	-	-	38/1
Master – health teaching	-	-	-	-	25	59/1	64	69	92/1	58/1	11/1
Master – technology & informatics	-	-	-	-	21	38/0	38/1	40/1	28/1	46/0	48/0

Survey of the number of applicants and their results

Academic year	Branch	Number of applicants	Number of applicants examined	Enrolled out of the admitted	Limit for admission (points)	Maximum score (in theory)	Limit rate in the test	Number of appeals*)	Appeals out of those examined (percent)	Appeals out of those not admitted (percent)
1997/1998	medicine	1455	1152	418	203	299	67,89%	82	7,12%	11,17%
	stomatology	191	161	51	226	299	75,59%	22	13,66%	20,00%
	total	1646	1313	469				104	7,92%	12,32%
1998/1999	medicine	1583	1035	364	186	297	62,63%	156	15,07%	
	stomatology	235	156	53	178	297	59,93%	28	17,95%	
	total	1818	1191	417				184	15,45%	23,77%
1999/2000	medicine	1549	1161	490	186	299	62,21%	123	10,59%	18,33%
	stomatology	212	166	69	172	299	57,53%	28	16,87%	28,87%
	total	1761	1327	559				151	11,38%	19,66%
2000/2001	medicine	1789	1183	447	164	299	54,85%	126	10,65%	17,12%
	stomatology	226	167	60	155	299	51,84%	23	13,77%	21,50%
	total	2015	1350	507				149	11,03%	17,67%
2001/2002	medicine	2202	1353	404	180	300	60%	148	10,94%	18,03%
	stomatology	281	183	52	180	300	60%	31	16,94%	27,20%
	total	2483	1536	456				179	11,65%	19,14%
2002/2003	medicine	1987	1433	444	201	300	67%	89	6,21%	6,75%
	stomatology	252	188	59	176	300	58,66%	19	10,10%	11,31%
	total	2239	1621	503				108	6,66%	7,26%
2003/2004	medicine	1873	1398	437	191	300	63,66%	102	7,30%	8,99%
	stomatology	307	225	52	200	300	66,66%	29	12,88%	14%
	total	2180	1623	489				131	8,07%	9,77%
2004/2005	medicine	1850	1481	534	185	299	61,87%	107	7,23%	7,99%
	stomatology	333	275	56	240	299	80,27%	40	14,55%	13,42%
	total	2183	1756	590				147	8,37%	8,98%
2005/2006	medicine	2016	1449	484	180	300	60%	148	10,21%	15,34%
	stomatology	513	420	42	247	300	82,33%	76	18,10%	20,10%
	total	2529	1869	526				224	12%	16,70%
2006/2007	medicine	2575	1506	530	172	300	57,33%	175	11,62%	17,93%
	stomatology	840	580	61	236	300	78,66%	79	13,62%	15,22%
	total	3415	2086	591				254	12,18%	17,00%
2007/2008	medicine	2509	1820	426	178	297	59,93%	143	7,86%	16,73%
	stomatology	821	645	53	240	297	80,80%	57	12,25%	10,32%
	total	3330	2465	479				200	8,11%	18,90%
2008/2009	medicine	2298	1664	491	125	240	52,08%	156	9,38%	11,24%
	stomatology	871	711	69	187	240	77,92%	80	11,25%	10,18%
	total	3169	2375	560				236	9,94%	10,86%

*) Of the given number of appeals, none was settled in the affirmative

Education in non-medical health care fields

In the academic year of 2007-2008, as many as 596 students were studying at the First Faculty of Medicine of Charles University in non-medical programmes. This number includes 503 students in Bachelor degree programmes and 93 students in follow-up Master degree programmes. In the same year, the total number of 134 students in Bachelor degree programmes and 21 students in follow-up Master degree programmes graduated.

In 2008 the accreditation procedures for the follow-up programme in Intensive Care were completed, and the studies of this field were commenced at the Faculty in the academic year 2007-2008, at the level of a Master degree programme. For the first time, two of the study programmes were opened in the combined form in 2008. For the start, the Bachelor degree programmes in General nursing and Addictology were launched in this form as pilot programmes, and after the testing of the new model of tuition in common core subjects, the combined form of training will provide a large potential for the other fields of study.

Continuity in the process of education in all the above fields is provided and co-ordinated by experienced teaching staff, put in

charge by the Dean of the Faculty as expert supervisors. Like in the previous years, the management of the First Faculty of Medicine of Charles University tries to gradually achieve the goals of the "The Sorbonne Declaration" (ratified in 1998), and the "Bologna Declaration" (ratified in 1999). The need of the society in extension of non-medical health care education programmes results in high demand on the whole teaching staff not only in the sphere of special educational processes but also in the aspect of co-ordination of both theoretical and particularly in practical tuition. On the other hand, the interest in our alumni from potential employers in health care services is really pleasing. Equally pleasing is the fact that in 2008 the students of non-medical programmes again held their own students' professional scientific conference.

Further education of physicians

Again, like in many past years, 11 postgraduate courses were provided under the administration of the Department for Further Education of Medical Doctors of the First Faculty of Medicine, as well as 66 seminars at the institutes and clinical departments. The total number of the physicians who participated was 1,646.

Alumni of the First Faculty of Medicine

Field	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008
Medicine	241	218	154	194	260	219	233	205	242	306
Stomatology	17	24	26	35	27	47	37	31	41	22
Nursing – full-time	18	26	16	28	24	18	15	16	18	21
Nursing – combined	17	19	12	21	30	27	22	31	28	34
Occupational therapy	15	14	16	20	22	18	22	16	20	22
Physiotherapy	-	-	13	11	13	18	16	16	40	27
Addictology	-	-	-	-	-	-	-	-	-	13
Medical technology	3	16	3	10	11	11	10	14	15	17
Medical technology and informatics	-	-	-	-	-	13	27	6	12	13
Health teaching for secondary schools	-	-	-	-	-	23	25	26	48	8
English parallel class – medicine	2	6	18	18	17	38	24	16	20	17
English parallel class – stomatology	-	2	-	2	1	4	-	-	1	-
Total	323	325	258	339	405	436	431	377	485	500

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

Apart from the above events, 50 seminars were organized by pharmaceutical companies, with 2,686 physicians attending. The total number of participants at all the above educative events was 4,332 physicians.

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

In 2008, tuition for the 2nd year students in summer semester (21st course in total) continued, and for the 22nd time tuition for the 1st year students (winter semester of 2008-2009) started. The course of studies is arranged in two years (4 semesters), with a stable programme of lectures. Then, there was more tuition at the Club of Third-age University Alumni, attended by about 130 club members a week – those who passed the basic two years and are given additional lectures by the Faculty.

In these courses education is not the goal but rather a means of mental activation of an elderly person, providing an alternative life programme at the retirement age. The basic two-year course deals with the theoretical basis of medicine, adding some interesting aspects, novelties, information on prevention as well as the history of medicine. The Faculty is represented in the national Third-age University Association, which is a member of the international association.

Tuition for the third-age university at the Faculty was provided to the extent of two hours a week, for 1st and 2nd years of studies as shown in the List of Lectures of the First Faculty of Medicine of Charles University. For the Club of Third-age University Alumni, a cycle of lectures called “Impact of environmental pollutants, coincidences, accidents and injuries in everyday life” was organized in co-operation with our Faculty’s Department of Occupational Diseases in the summer semester, while for the winter semester of the academic year 2007-2008 another cycle of eleven lectures was prepared in co-operation of the Institute of Histology and Embryology and Institute of Anatomy, called “Basic embryonic development of the human”. Most teachers in all three groups were the Heads of institutes and departments or outstanding specialists from the respective institutions. The response from the participants was very good. There were about 60 students in either year of the course, which is given by the limited capacity of the lecture hall, and the Club is attended by about 130 people a week. Since the winter semester of 2007-2008 the lectures have been read in the lecture hall of the Institute of Nuclear Medicine for 1st and 2nd years, and in the lecture hall of the 3rd Medical Department for the Club of Alumni. These two institutions must

ally be acknowledged for being so helpful in tuition for the Third-age University.

The ceremony of completion of the 2nd year, connected with handing in the certificates of the Ministry of Education, Youth and Sport of the Czech Republic, was held in Karolinum in June 2008, at presence of the Dean and many teachers of the First Faculty of Medicine.

On the finance obtained from the Ministry of Education, Youth and Sport in 2008, projection equipment for the third-age university lecture halls was purchased as well as computer hardware, including two printers for the students of the third-age university and other hardware for preparation of lectures and projections.

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

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

- Faculty of Education, Charles University in Prague**
 For the 1st to 3rd years of the programme of Special Pedagogy, 340 lessons are taught by our teachers (Institute of Physiology, Institute of Foreign Languages, Department of Rehabilitation Medicine, Department of Phoniatrics, Department of Neurology).
 The Faculty of Education provides tuition for 1st to 3rd year students of the First Faculty of Medicine in the Bachelor degree programmes of Occupational Therapy, Physiotherapy and Medical Technology.
- Faculty of Philosophy and Arts, Charles University in Prague**
 The tuition in question is for the 5th year full-time students and 4th to 6th year students in the combined programme of Patient Care. The following are engaged in the teaching: Institute of Nursing Theory and Practice, 3rd Department of Medicine – Clinical Department of Endocrinology and Metabolism, 2nd Department of Surgery – Clinical Department of Cardiovascular Surgery, Department of Paediatrics and Adolescent Medicine, Department of Psychiatry, Institute of Pathology, Department of Gynaecology and Obstetrics. Further, the Faculty of Philosophy and Arts is our partner in developing a module of the admission procedure to test general studying abilities.
- Second Faculty of Medicine, Charles University in Prague**
 The Department of Occupational Diseases provides clinical placements for the Medical Department of 2nd Faculty of Medicine, and takes part in examining at Rigorous State Examinations.
- Faculty of Science, Charles University in Prague**
 The Institute of Forensic Medicine and Toxicology teaches the subject Analytic Toxicology for the Bachelor degree programme

Clinical and Toxicological Analysis. Histology is taught for one term for the programme of Parasitology.

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

- **Czech Technical University in Prague (ČVUT)**

Three teachers are engaged in tuition of students in Bachelor degree programmes, in the subjects Basic Apparatus Equipment, and Imaging Techniques.

They teach the following subjects in the follow up Master degree programme Medical Technology and Informatics:

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

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

They take part in the Final State Examination.

- **Institute of Chemical Technology (VŠChT) in Prague**

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

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

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

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

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

GRADUATES FROM CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE IN 2008

IN GENERAL MEDICINE AND STOMATOLOGY:

Graduation ceremony on 22th April 2008 at 10:30 a.m.

- In the Master degree programme of general medicine, the following completed their studies:
 - Anděl Radek, born in Hořovice
 - Belušková Radoslava, born in Poprad
 - Benejová Ludmila, born in Michalovce
 - Bojarová Adéla, born in Prague
 - Breburda Zbyněk, born in Benešov
 - Bubnová Dušana, née Korenková, born in Poprad
 - Čepišáková Tatiana, born in Kežmarok
 - Dunovská Eva, born in Prague
 - Houska Petr, born in Prague
 - Jůda Pavel, born in Nové Město na Moravě
 - Kotrč Jaroslav, born in Děčín
 - Lejsalová Kateřina, born in Prague
 - Melicherčík Pavel, born in Prague
 - Poklembová Adela, born in Prešov
 - Svobodníková Lenka, born in Frýdek-Místek
 - Šrámová Jana, born in Frýdlant
 - Štěpánek Oldřich, born in Havlíčkův Brod
 - Tomčík Michal, born in Bojnice
 - Troníčková Blanka, born in Benešov
 - Urbanová Katarína, born in Nitra
 - Vácha Jaroslav, born in Písek
 - Verdánová Šárka, born in Čáslav
 - Vu Kim Hanh, born in Hanoi, Vietnam
 - Zítková Terezie, born in Benešov
- In the Master degree programme of stomatology, the following completed his studies:
 - Kusák Pavel, born in Uherské Hradiště

Graduation ceremony on 22th April 2008 at 12:00 (noon)

- In the Master degree programme of general medicine, the following completed her studies with honours:
 - Vnenková Eva, born in České Budějovice
- In the Master degree programme of general medicine, the following completed their studies:
 - Baková Zuzana, born in Bojnice
 - Belišová Marta, born in Prešov
 - Demjánová Katarína, born in Trebišov
 - Dičáková Jana, born in Košice
 - Knotek Peter, narozený v Poprad
 - Langová Zuzana, born in Třebíč
 - Oravec Milan, born in Spišská Nová Ves
 - Redajová Katarína, born in Stará Lubovňa
 - Rygllová Klára, née Svatoňová, born in Kroměříž
 - Šimková Helena, born in Prague
 - Töröková Klára, born in Bratislava
 - Wallenfeslová Eva, born in Prague
 - Zamborská Mária, born in Bardejov
- In the Master degree programme of general medicine, the following completed his studies in English language:
 - Hussain Kiran, born on Liverpool, Great Britain

Graduation ceremony on 24th July 2008 at 10:30 a.m.

- In the Master degree programme of stomatology, the following completed their studies:
 - Bednárová Jaroslava, born in Liberec
 - Bělíková Klára, born in Prague
 - MUDr. Bochníček Filip, born in Prague
 - Brožková Lucie, born in Roudnice nad Labem
 - Englová Kristýna, born in Prague
 - Godenzi Denisa, née Tomková, born in Prešov
 - MUDr. Hanus Michael, born in Prague
 - MUDr. Himmerová Veronika, born in Prostějov
 - Hrubá Markéta, born in Ledec nad Sázavou
 - Bc. Chalupa Petr, born in Karlovy Vary
 - Ivincová Tereza, born in Kadaň
 - Karlová Šárka, born in Ústí nad Labem
 - Kolářová Barbora, née Cíchová, born in Prague
 - Kučerová Klára, née Balcarová, born in Prague
 - Kuntová Barbora, born in Písek
 - Lichtenberková Dita, born in Náchod
 - Myšková Martina, born in Prague
 - Némethová Gabriela, born in Košice
 - Olšovský Vít, born in Slaný
 - Petrželová Lenka, born in Prague
 - Tomíčková Markéta, born in Prague
 - Tůmová Martina, born in Mariánské Lázně

Graduation ceremony on 24th July 2008 at 12:00 (noon)

- In the Master degree programme of general medicine, the following completed their studies:
 - Abrahámová Zuzana, born in Prague
 - Al-Wahaishiová Arua, born in Prague
 - Beneš Jiří, born in Prague
 - Betteš Richard, born in Partizánske
 - Brima Wunnie, born in Bo, Sierra Leone
 - Drgáč Jan, born in Uherské Hradiště
 - Dřevíkovská Jana, born in Kroměříž
 - Dušková Alexandra, born in Olomouc
 - Fazekášová Zuzana, born in Košice
 - Hakučová Kristína, born in Sobrance
 - Hanyšová Tereza, born in Mělník
 - Havlíková Monika, born in Tábor
 - Jaremenko Pavel, born in Duchcov
 - Kalisová Marianna, born in Trstené
 - Klika Daniel, born in Prague
 - Kočová Marie, born in Strakonice
 - Kondo Imani Hamza, born in Morogoro, Tanzania
 - Kováčová Miroslava, born in Žilina
 - Lačná Monika, born in Spišská Nová Ves
 - Matěcha Jan, born in Hradec Králové
 - Mohelníková Duchoňová Beatrice, born in Ostrava
 - Poledník Zdeněk, born in Beroun
 - Rendek Peter, born in Košice
 - Rintelová Katarína, born in Martin
 - Švejnová Pavla, born in Prague
 - Votavová Regína, born in Prague
 - Yendewa George Ahmad, born in Bo, Sierra Leone
 - Zeulová Daniela, born in Kroměříž

Graduation ceremony on 24th July 2008 at 1:30 p.m.

- In the Master degree programme of general medicine, the following completed their studies:
 - Bánovská Jaroslava, born in Košice
 - El Hajj Mohamad, born in El Kalamoun, Lebanon
 - Fuksová Olga, née Janoušková, born in Slaný
 - Hábová Zuzana, born in Zlín
 - Malátková Pavla, born in Přešov
 - Mášová Kristýna, born in Prague
 - Ničová Petra, born in Šumperk
 - Ostrovská Jana, born in Havlíčkův Brod
 - Szentiványi Karol, born in Poprad
 - Ščupák Radim, born in Vsetín
 - Trýznová Denisa, born in Jilemnice
 - Žitňanská Mária, born in Bojnice
- In the Master degree programme of general medicine, the following completed their studies with honours:
 - Bawa Manav, born on London, Great Britain
 - Habicht Andrea, born on Fayetteville, USA
 - Hobza Petr, born on Toronto, Canada
 - Chellappah Gajan, born on Harrow, Great Britain
 - Khatai Nora Arezo, born on Tabriz, Iran
 - Michael Eva, born on Nicosia, Cyprus

Graduation ceremony on 24th July 2008 at 3:00 p.m.

- In the Master degree programme of general medicine, the following completed their studies:
 - Baráčková Marie, born in Dačice
 - Blažek Tomáš, born in Nový Jičín
 - Cesnek Branislav, born in Čadca
 - Ettlerová Lucie, born in Prague
 - Chmelík Michal, born in Opava
 - Judl Tobiáš, born in Prague
 - Kostelanská Jana, born in Kyjov
 - Kužielová Romana, born in Roudnice nad Labem
 - Lambertová Alena, born in Tábor
 - Malášková Petra, born in Prague
 - Mardešićová Nicole, born in Prague
 - Maršálková Marcela, born in Aš
 - Medová Eva, born in Prague
 - Muziková Silvia, born in Bratislava
 - Novysedlák Martin, born in Prešov
 - Pálová Lilla, born in Rimavská Sobota
 - Pelikánová Zdeňka, born in Frýdlant v Čechách
 - Premová Diana, born in Sokolov
 - Ruci Oneda, born in Tepelene, Albania
 - Řehulková Ivana, born in Kyjov
 - Sládková Ivana, born in Žilina
 - Štípková Marcela, born in Karlovy Vary
 - Štverka Petr, born in Opava
 - Trávníčková Hana, born in Ostrava
 - Vaněčková Gisela, born in Ostrov
 - Velková Vladimíra, born in Prachatice
 - Vodsoň Tomáš, born in Nymburk
 - Zapletalíková Hana, born in Ostrava
 - Zela Ondřej, born in Frýdek-Místek

Graduation ceremony on 25th July 2008 at 10:30 a.m.

- In the Master degree programme of general medicine, the following completed their studies:
 - Avenarius Jakub, born in Ústí nad Labem
 - Bačkai Tomáš, born in Rimavská Sobota
 - Bagócsi Tomáš, born in Levice
 - Balážová Barbora, born in Bratislava
 - Čapková Veronika, born in Strakonice

Dlouhá Zuzana, born in Turnov
 MUDr. Donev Filip, born in Skopje, Macedonia
 Dudáčková Jaroslava, born in Prague
 Ficová Pavlína, born in Brno
 MUDr. Gabčová Danica, born in Žilina
 MUDr. Hoffmannová Jiřina, born in Prague
 Hrodková Marie, born in Most
 Keblovská Magdaléna, born in Zvolen
 Koliba Peter, born in Nitra
 Král Norbert, born in České Budějovice
 Kružicová Zuzana, née Bambasová, born in Myjava
 Maxian Radoslav, born in Poprad
 Menichová Zlatica, born in Martin
 Menzlová Erika, born in Prague
 Nováková Julie, born in Písek
 Nováková Lenka, born in Čadca
 Pavlinská Júlia, born in Prešov
 Rohoušová Kateřina, born in Prague
 Rosičková Ildikó, born in Komárno
 Sajbertová Jela, born in Bratislava
 Stuhlová Šárka, born in Jihlava
 MUDr. Šipoš Michal, born in Prague
 Tormová Monika, born in Košice
 Ušiaková Zuzana, born in Myjava
 Vargová Diana, born in Michalovce
 Zemanová Tereza, born in Prague

Graduation ceremony on 25th July 2008 at 12:00 (noon)

- In the Master degree programme of general medicine, the following completed her studies with honours:
 - Dušková Lucie, born in Ledec nad Sázavou
- In the Master degree programme of general medicine, the following completed their studies:
 - Balogová Katarína, born in Prešov
 - Boleslavská Kateřina, born in Prague
 - Buchtová Michaela, born in Opava
 - Eliášová Petra, born in Prague
 - Halászová Martina, born in Planá u Mariánských Lázní
 - Hatlapatková Michala, born in Vsetín
 - Jarošík Juraj, born in Levice
 - Jeřábková Dita, born in Prague
 - Karabinová Katarína, born in Humenné
 - Kopčáková Zuzana, born in Prešov
 - Kopčková Stanislava, born in Topolčany
 - Kotačková Lenka, born in Vyškov
 - Maříková Klára, born in Prague
 - Milfaitová Lucie, born in Havlíčkův Brod
 - Mravcová Martina, born in Bratislava
 - Rušňák Lubomír, born in Topolčany
 - Sehnalová Petra, born in Prague
 - Skáčiková Lucia, born in Zvolen
 - Stočasová Kateřina, born in Příbram
 - Šmatová Tereza, born in Brandýs nad Labem
 - Štrofová Helena, née Jílková, born in Jindřichův Hradec
 - Švecová Lucie, born in Havlíčkův Brod
 - Tichá Marie, née Pyšková, born in Kolín
 - Trojanová Alena, born in Prague
 - Valková Mária, born in Levoča
 - Vláčil Jaromír, born in Prostějov
 - Vlček Luboš, born in Pelhřimov
 - Vopálenský Jan, born in Prague
 - Voška Michal, born in Martin
 - Výrosteková Martina, née Čensčáková, born in Stará Lubovňa
 - Zahálková Kateřina, born in Prague
 - Zlámál Milan, born in Rýmařov

Graduation ceremony on 25th July 2008 at 1:30 p.m.

- In the Master degree programme of general medicine, the following completed his studies with honours:
Beneš Jan, born in Ostrava
- In the Master degree programme of general medicine, the following completed their studies:
Balážová Veronika, born in Poprad
Bébarová Lenka, born in Vyškov
Đurica Peter, born in Zvolen
Frydrychová Zuzana, born in Vítkov
Grzybková Petra, born in Havířov
Hlaváček Václav, born in Prague
Hrádková Kateřina, born in Kutná Hora
Hruška Miroslav, born in Banská Bystrica
Hundža Viktor, born in Lučenec
Kasaj Aurel, born in Žilina
Kozmík Tomáš, born in Brno
Král Pavel, born in Písek
Krištienová Lucia, born in Trnava
Kšicová Lucie, born in Nové Město na Moravě
Madzin Igor, born in Svidník
Meľuchová Zuzana, born in Prešov
Mušková Tereza, born in Prague
Olekšáková Tatiana, born in Košice
Padevětová Veronika, née Čekalová, born in Benešov
Pektorová Markéta, née Krejčí, born in Prostějov
Piecková Mária, born in Trebišov
Póczoš Pavel, born in Lučenec
Prokšová Jitka, born in Chrudim
Reichová Michaela, born in Bratislava
Richter Jakub, born in Bratislava
Rožníčková Kateřina, born in Teplice
Tetour Radek, born in Dačice
Turňová Lucia, born in Banská Bystrica
Vicenová Jana, born in Ilava
Zarzycká Kamila, born in Havířov

Graduation ceremony on 28th July 2008 at 9:00 a.m.

- In the Master degree programme of general medicine, the following completed their studies:
Adamec Alexander, born in Leningrad
Balíková Vladimíra, née Kolínová, born in Písek
Beranová Marie, born in Čáslav
Ing. Bouda Martin, born in Slaný
Čeháková Andrea, born in Prague
Horváth Ladislav, born in Košice
Chlebovcová Bronislava, born in Košice
Junasová Monika, born in Martin
Kan Eugen, born in Minsk
Kešner Adam, born in Kolín
Kolman Josef, born in Prague
Korcová Miroslava, born in Kladno
Kostihová Anna, born in Petrohrad
Kubelková Marie, born in Mladá Boleslav
Lázníčková Monika, born in Nové Město na Moravě
Mařalová Ivana, born in Žilina
Piataková Natália, born in Prešov
Rapsa Jan, born in Prague
Roblová Lenka, born in České Budějovice
Schutová Ľubica, born in Veľký Krtíš
Smyčková Helena, born in Tábor
Sukovský Lukáš, born in Košice
Vasilenková Jana, born in Prešov
Večeřa Zdeněk, born in Kyjov
Zámstná Petra, née Manoušková, born in Uherské Hradiště

Zámstný Jan, born in Benešov
Zbuzková Petra, born in Benešov

Graduation ceremony on 2nd December 2008 at 10:30 a.m.

- In the Master degree programme of general medicine, the following completed their studies:
Barbarawi Mohammed, born in Hebron, Palestina
Belišová Martina, born in Prešov
Csókásová Csilla, born in Nové Zámky
Dubská Zora, born in Prague
Ing. Dvořáková Irena, née Volopichová, born in Karlovy Vary
Dziaková Jana, born in Košice
Földes Réka, born in Komárno
Gašová Michaela, born in Hradec Králové
Hullová Michaela, born in Liberec
Humeňanská Alexandra, born in Prešov
Hvezdová Regína, born in Bojnice
Kašpar Jiří, born in Rýmařov
Kazíková Beatrice, born in Martin
Klímová Kateřina, born in Zlín
Komorová Kateřina, née Swiencyzková, born in Třinec
Lackovičová Andrea, born in Trnava
Magersky Štěpán, born in Prague
Manethová Kateřina, born in Zlín
Musil Jakub, born in Tábor
Oniščenko Boris, born in Košice
Peterková Silvie, born in Opava
Retková Magdaléna, born in Prague
Švancarová Radka, born in Most
Tomečková Jana, born in Bardejov
Turková Štěpánka, born in Písek
MUDr. Vlk Marek, born in Domažlice
Vorčák Ivan, born in Trstené
Zlámalová Klára, born in Kroměříž

Graduation ceremony on 2nd December 2008 at 12:00 (noon)

- In the Master degree programme of general medicine, the following completed their studies:
Bláhová Sandra, born in Frýdlant v Čechách
Bocková Mariola, born in Třinec
Csetöová Janka, born in Želiezovce
Čechal Petr, born in Uherské Hradiště
Čorbová Drahomíra, born in Prešov
Durdis Roman, narozený Karlovy Vary
Fexa Jiří, born in Prague
Gronská Andrea, born in Olomouc
Hajiyev Vüsal, born in Baku, Azerbaijan
Hálová Veronika, born in Planá u Mariánských Lázní
Janatová Markéta, born in Prague
Koutná Martina, née Klikarová, born in Náchod
Laclav Martin, born in Snina
Leahomschi Sergiu, born in Šumperk
Lukáč Peter, born in Topolčany
Magera Lukáš, born in Trebišov
Machanová Monika, born in Revúca
Mališková Beatrix, née Mišková, born in Nové Zámky
Prachová Eva, born in Domažlice
Prifti Arber, born in Vlorë, Albania
Prifti Eva, née Racková, born in Ostrava
Rakická Gabriela, born in Banská Bystrica
Rašková Miloslava, born in Brno
Režná Kateřina, born in České Budějovice
Snopčok Róbert, born in Lučenec
Stáreková Jitka, born in Dolný Kubín

Šátavová Markéta, born in České Budějovice
 Šrámek Jaromír, born in Havlíčkův Brod
 Toužimská Pavla, born in Příbram
 Udičová Katarína, born in Prešov

Graduation ceremony on 2nd December 2008 at 1:30 p.m.

- In the Master degree programme of general medicine, the following completed their studies:
 Ayayee Ayitey Noble, born in Agogo, Ghana
 Balogová Jana, born in Košice
 Částková Adéla, born in Šumperk
 Fajt David, born in Ústí nad Labem
 Fišnar Tomáš, born in Nový Jičín
 Hudecová Andrea, born in Zvolen
 Ivanová Eva, born in Košice
 Mináriková Erika, born in Prešov
 Nevrla Tomáš, born in Olomouc
 Mgr. Novotná Jana, born in Šaľa
 Petrášová Hana, born in Skalica
 Schaderová Martina, born in Kežmarok
 Sokolová Klára, born in Moravská Ostrava
- In the Master degree programme of stomatology, the following completed her studies:
 Tůmová Kristina, born in Prague
- In the Master degree programme of general medicine, the following completed their studies in English language:
 Choudhury Shafqat , born on Northampton, Great Britain
 Figueira Sara Barbado Campos, born on Lisbon, Portugal
 Nathan Kala Yarlini Dhevi, born on London, Great Britain
 Solomon Vikram, born on Vellore, India

Graduation ceremony on 25th July 2008 at 9:00 a.m.

- In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed her studies with honours:
 Bc. Andršová Jana, born in Liberec
- Further in the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies:
 Bc. Blažejová Tamara born in Valtice
 Bc. Dupalová Martina, née Vlažná, born in Písek
 Bc. Křížová Pavla, née Dudová, born in Prague
 Bc. Maršíková Miroslava, born in Kolín
 Bc. Šedivá Petra, née Přibíková, born in Karlovy Vary
 Bc. Veselá Monika, née Nejedlová, born in Nymburku
 Bc. Vlhová Marína, born in Martin
- In the Master degree programme of specialization in health care, branch medical technology and informatics, the following completed their studies:
 Bc. Drobničková Martina, born in Klatovy
 Bc. Kreuter Jakub, born in Děčín
 Bc. Samková Markéta, born in Prague
 Bc. Tůma Michal, born in Svitavy
 Bc. Urválek Jiří, born in Prague
 Bc. Zárubová Alena, born in Trutnov

Graduation ceremony on 2nd December 2008 at 1:30 p.m.

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

Bc. Beranová Dagmar, born in Stod
 Bc. Kováčová Jana, born in Prague
 Bc. Nosková Daniela, born in Prague
 Bc. Podzimek Michal, born in Prague
 Bc. Svačina Jakub, born in Prague
 Bc. Telečka Zdeněk, born in Ostrava
 Bc. Veselková Alena, born in Vlašim

IN BACHELOR DEGREE PROGRAMMES:

Graduation ceremony on 28th July 2008 at 10:30 a.m.

- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies with honours:
 Čajko Eibichtová Monika, born in Luzern
 Čejková Danuše, born in Prague
 Čermáková Daniela, born in Krnov
 Stejskalová Radka, born in Rakovník
- Further in the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
 Cintel Norbert, born in Rožňava
 Dořacká Anna, born in Vranov nad Toplou
 Frajtová Hana , born in Podbořany
 Hricová Ivana, born in Michalovce
 Jedináková Teodora, born in Topolčany
 Junová Lucie, born in Prague
 Jurošková Hana, born in Nymburk
 Kavalierová Viktória, born in Námestovo
 Klásková Zuzana, born in Opava
 Kopalová Hana, born in Litoměřice
 Kotíková Blanka, born in Nové Město na Moravě
 Koubová Michaela, born in Rakovník
 Kredatusová Beáta, born in Poprad
 Novosadová Katarína, born in Povážska Bystrica
 Novotná Jana, born in Nymburk
 Pourová Zuzana, born in Prague
 Pravdová Jitka, nanée Poláková, born in Prague
 Romanová Anna, born in Vranov na Toplou
 Sobková Martina, born in Třebíč
 Stehlíková Jana, born in Děčín
 Szabóová Monika, born in Komárno
 Šancová Petra, née Špiříková, born in Zlín
 Šinglárová Zdeňka, born in Karlovy Vary
 Šintáková Kateřina, born in Prague
 Štroblová Jitka, born in Roudnice nad Labem
 Tichá Jitka, born in Prague
 Veselá Lýdie, born in Prague
 Vislocká Jana, born in Stará Lubovňa
 Vopička Josef, born in Příbram
- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:
 Fišer Ivan, born in Prachatice
 Froněk Jan, born in Prachatice
 Chromá Ladislava, born in Třebíč
 Jeníček Tomáš, born in Chrudim
 Machálek Jakub, born in Kroměříž
 Suchý Matěj, born in Ostrov
 Štefka Michal, born in Olomouc
- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:
 Dibdiak Lukáš, born in Brezno

- Hájková Renata, born in Strakonice
 Krejčová Simona, born in Tábor
 Macháček Lukáš, born in Prague
 Martikán Petr, born in Kladno
 Přistoupilová Anna, born in Prague
 Slanička Radek, born in Liberec
- In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:
 Frydrýnová Anna, born in Ostrov
 Chválová Martina, born in Martin
 Machač Stanislav, born in Děčín
 Marečková Věra, born in Česká Lípa
 Nokolná Barbora, born in Prague
 Oplť Vojtěch, born in Slaný
 Turková Kateřina, born in Kolín
 Voráčková Petra, born in Zábřeh
 Wögebauerová Petra, born in Český Krumlov
 Zádrapová Veronika, born in Cheb
 Zemková Eliška, born in České Budějovice
 Beranová Helena, born in Litoměřice
 Alferyová Sandra, born in Prague
 Drobílková Vladěna, born in Prague
 Chvojková Marie, born in Litoměřice
 Janečková Petra, born in Prague
 Jindřišková Petra, born in Liberec
 Koudelová Lucie, born in Benešov
 Králová Helena, née Prague
 Křížová Martina, born in Pelhřimov
 Procházková Lenka, born in Kladno
 Příbyl Petr, born in Příbram
 Sýsová Alena, born in Frýdek-Místek
 Šebková Jana, born in Český Krumlov
 Vodhánilová Edita, born in České Budějovice
 - In the Bachelor degree programme of specialization in health care, branch addictology, the following completed their studies:
 Ing. Běláčková Vendula, born in Prague
 Grolmusova Lucie, born in Prague
 Zeithammerová Lucie, born in Prague

Graduation ceremony on 28th July 2008 at 1:30 p.m.

- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
 Bradáčová Kristýna, born in Nové Město na Moravě
 Erbenová Zuzana, born in Ústí nad Labem
 Fuchsová Pavlína, born in Vrchlabí
 Hejmová Pavla, born in Prague
 Horká Petra, born in Ústí nad Labem
 Choutková Monika, born in Pelhřimov
 Karlecová Markéta, born in Brandýs nad Labem
 Kotlanová Šárka, born in Klatovy
 Pacanová Alena, born in Prague
 Peigerová Kateřina, born in Frýdek-Místek
 Povolná Dagmar, born in Třebíč
 Rejfová Monika, born in Brandýs nad Labem
 Sálusová Markéta, born in Roudnice nad Labem
 Samková Monika, born in Prague
 Svobodová Pavla, born in Nový Jičín
 Šourková Vendula, born in Prague
 Švejdová Kateřina, born in Děčín
 Tršová Jana, born in Plzeň
 Víchová Karolína, born in Louny

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

Brožková Tereza, born in Prague
 Březinová Jana, born in Chomutov
 Bubalová Marie, born in Prague
 Dvořáková Anna, born in Brandýs nad Labem
 Dubská Sabina, born in Prague
 Gojová Barbora, born in Třebíč
 Hálová Ivana, born in Cheb
 Kozárová Vendula, born in Prague
 Kravarová Lenka, born in Tábor
 Růžková Hana, born in Tábor
 Mrázková Zuzana, born in Prague
 Slobodzianová Aneta, born in Mladá Boleslav
 Svobodová Šárka, born in Chrudim
 Šulcová Jana, born in Mělník
 Táborská Olga, born in Vysoké Mýto
 Trachtová Alena, born in Mariánské Lázně
 Vachová Veronika, born in Hranice na Moravě

Graduation ceremony on 3rd December 2008 at 10:30 a.m.

- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
 Círková Petra, born in Prague
 Smetáková Martina, born in Prague
 Šimečková Ariela, born in Zlín
 Novotná Jana, born in Nymburk
- In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:
 Burianová Iva, born in Šumperk
 Hladíková Petra, born in Prague
 Lupienská Natálie, born in Martin
 Málková Iva, born in Chrudim
 Ředinová Barbora, born in Písek
 Šmídová Kateřina, born in Mělník
- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:
 Bernát David, born in Spišská Nová Ves
 Le Quy Thang, born in Nam Ha, Vietnam
 Staněk Jakub, born in Prague
- In the Bachelor degree programme of specialization in health care, branch addictology, the following completed their studies:
 Francová Kateřina, born in Prague
 Hejná Hana, born in Benešov
 Jurystová Lucie, born in Prague
 Klímová Petra, born in Prague
 Pechanová Markéta, born in Prague
 Petrželková Veronika, born in Kolín
 Staňková Nora, born in Vlašim
 Janouškovec Vojtěch, born in Prague
 Netík Vojtěch, born in Brno
 Sklenář Ondřej, born in Kyjov
- In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:
 Holanová Věra, born in Jičín
 Kodera David, born in Strakonice

EDUCATION OF SELF-PAYING INTERNATIONAL STUDENTS (ENGLISH PARALLEL CLASSES)

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

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

The proportion of our full-time students coming from particular continents is visualised in the enclosed diagrams and in the chart. An overwhelming majority are students from European countries, whose number has dramatically increased thanks to the Faculty's standing efforts aimed at drawing attention to the Faculty in EU countries, including our presentations at international events organized to highlight the possibilities of university-level education in Europe, but also – no doubt – with the above mentioned admission of the Czech Republic to EU.

Another crucial change in the composition of the English-taught parallel class, however, is the continuous increase in students from North America and Africa, and since 2006 from Asia as well, particularly from Malaysia but recently from India and Taiwan as well. This is, after all, in accord with the policy of the management of the Faculty to focus more on non-European students in future. This was mainly due to the agreement with the government of Botswana, which had decided to include our Faculty – apart from medical faculties in the Republic of South Africa, Australia and Ireland – among those where their prospective doctors are placed to study medicine. Besides this agreement, also the talks with the Ministry of Health of Malaysia eventually resulted in recognition of our diplomas in that country as well and – therefore – in the chance of our graduates to practise medicine there, and in the possibility of Malaysian students to study at our faculty. Last year, these negotiations continued to extended the scope of our Faculty's diplomas recognized to those issued for the field of dentistry.

Also the last year's entrance examinations, which took place in Kuala Lumpur in April 2008, and the high number of 60 applicants demonstrated an extraordinary interest in the studies of medicine at our faculty and clearly indicated that this geographic region in particular is an important potential market in the sphere of education. This is the reason why the recognition of our diplomas in the field of Dentistry might enhance the attractiveness of the Faculty in the said region.



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

Malaysia, however, is not the only Asian country we would like to gain students from: following a series of talks, a contract was signed with an agency to represent the Faculty in Taiwan, and in June the first entrance interviews for applicants from Taiwan were organized. Contracts with agencies from Sweden and Israel have been negotiated and signed, and negotiations are in progress in China and some post-Soviet countries. The list of entrance interviews held in the past year for applicants for English parallel classes is given in a chart.

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

In 2008, the First Faculty of Medicine continued the long-established co-operation with the foundation in Britain which helps secondary students in preparation for university-level studies. For those interested in the studies of medicine we organized lectures and practical classes in Great Britain, and we participated in big trade-fair events with presentations for prospective students and for their parents in Great Britain, Norway and Malaysia. In the summer months – like in the previous years – we organized a visit at the Faculty for those interested in the studies. We intend to hold this event in the coming years as well, and in 2008 we also – tradition-

ally – prepared the visit for potential students and their parents, within the Open Days of English-taught study programmes. In addition we established the tradition of an extra Open Day in spring for those students who take part in the preparatory course for our Faculty's entrance interviews, which was held in Great Britain.

The Faculty prolonged also its participation in the FFEL Stafford programme with the US Department of Education started already in 1998.

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

Another important step was the establishment of an own organization of international self-paying students in 2001, which is in close contact with both Czech students' activities and the Faculty management. In 2008 this organization further developed its activities, including the publication of its proceedings at the website of the Faculty. This year, moreover, some new people came to the leading of this students' organization, which also resulted in an increase of its activity. Also co-operation between the students' organization and the Department of Students' Affairs expanded, which considerably enhances the quality of our presentations abroad and commencement of studies in the fresh first-year students, when more experienced colleagues come to their assistance and help them to get oriented at the Faculty.

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



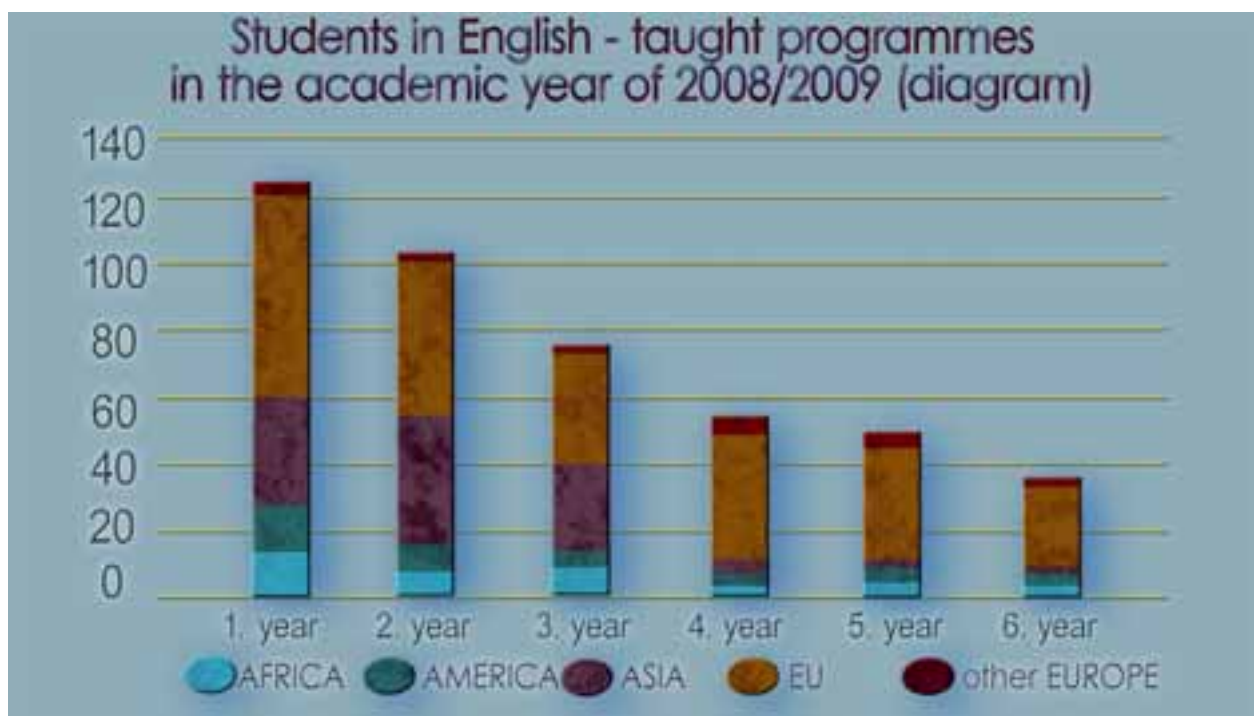
The new tea room, open for students of the First Faculty of Medicine in the Purkinje Building in the Albertov area

Entrance interviews for the English-taught classes in 2008

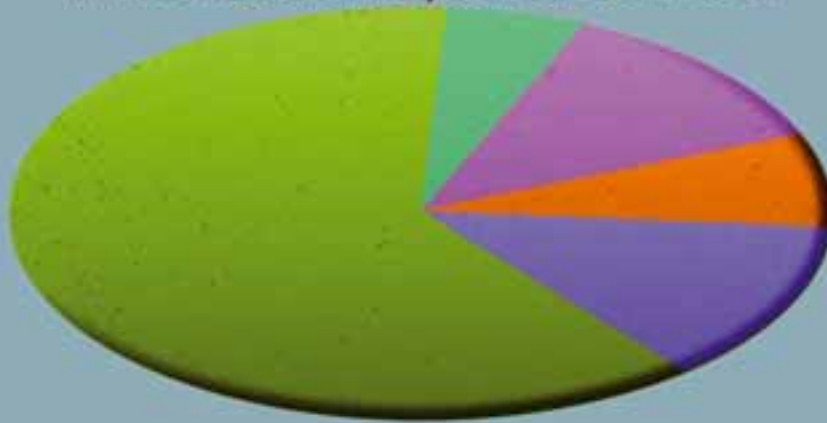
country		applied	examined	admitted medicine	admitted dentistry	total
Malaysia	April	60	58	28	0	28
Portugal	May	29	18	5	0	5
Norway	May	20	19	7	0	7
UK	June	27	25	9	2	11
Botswana	June	32	32	13	2	15
Czech Republic	June	97	31	6	0	6
Taiwan	June	11	11	5	1	6
Greece	July	34	31	10	3	13
India	July	4	2	1	1	2
Cyprus	July	36	32	7	2	9
UK	August	35	25	8	2	10
Czech Republic	September	28	14	0	0	0
USA	all year	20	20	19	0	19
total		433	318	118	13	131

Students in English-taught programmes in the academic year of 2008–2009

	Africa	America	Asia	EU	other Europe	total
1 st year	16	14	37	56	5	128
2 nd year	9	10	43	42	1	105
3 rd year	9	6	28	33	2	78
4 th year	5	4	6	42	0	57
5 th year	7	6	2	34	3	52
6 th year	6	5	4	21	1	37
	52	45	120	228	12	457



Students in English - taught programmes in the academic year of 2007/2008



AFRICA AMERICA ASIA EU other EUROPE

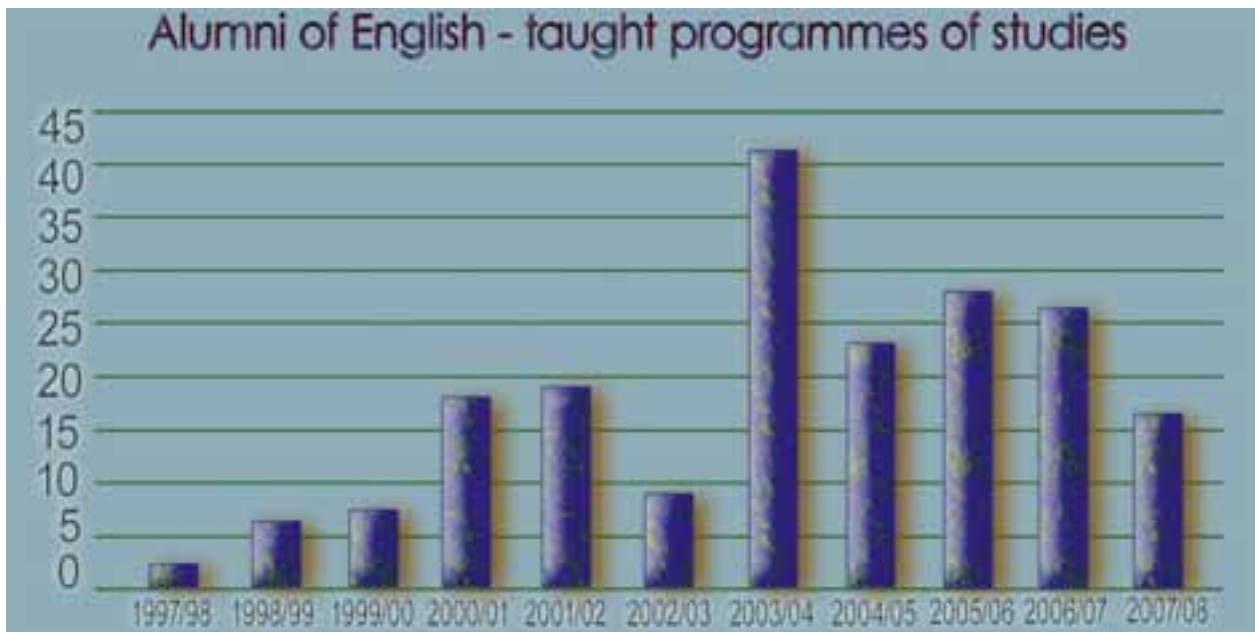
Students in English - taught programmes in the academic year of 2008/2009



AFRICA AMERICA ASIA EU other EUROPE

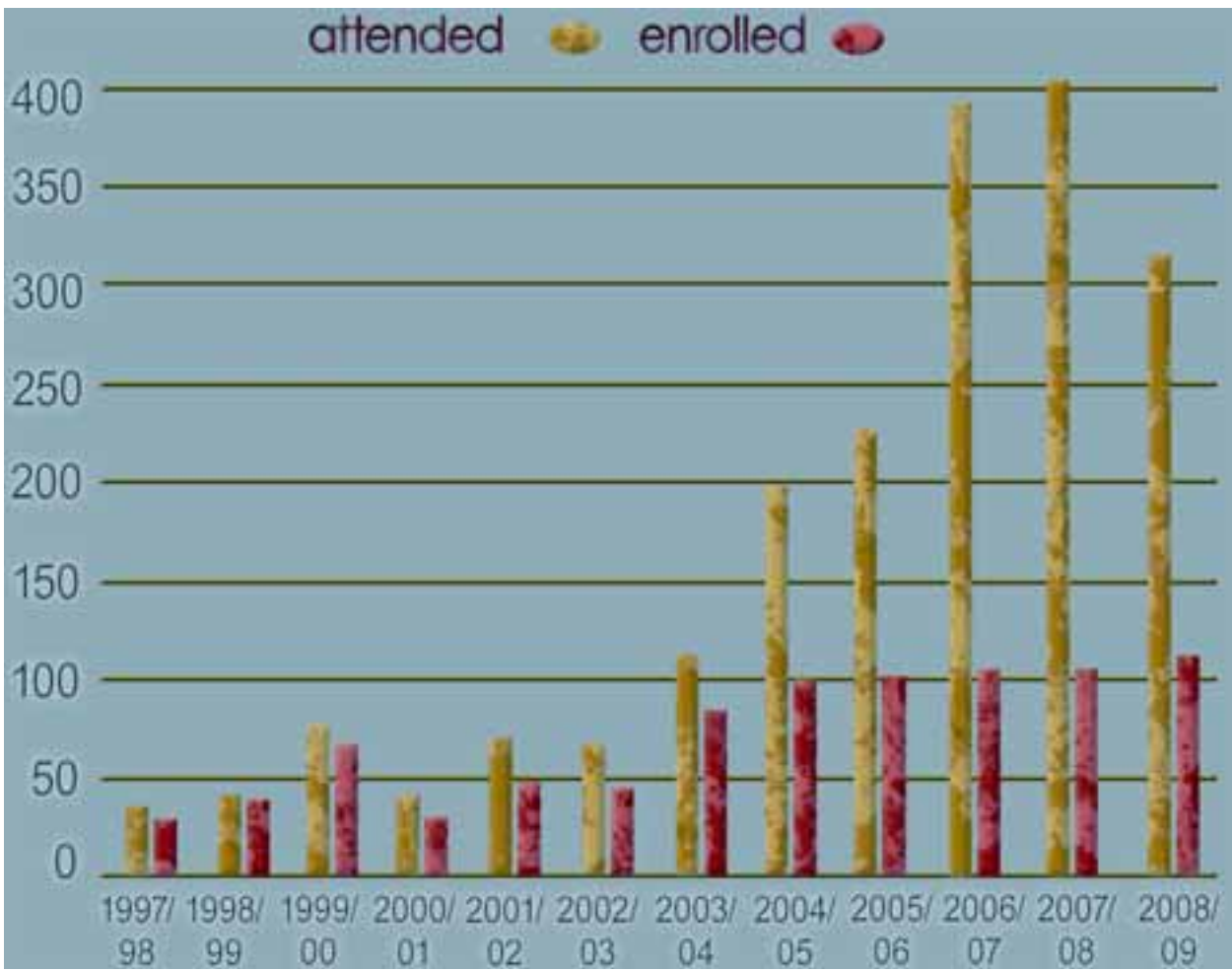
Alumni of English-taught programmes

year	alumni
97/98	2
98/99	7
99/00	8
00/01	19
01/02	20
02/03	10
03/04	42
04/05	24
05/06	28
06/07	27
07/08	17
total	204



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

	applicants	enrolled
1993/94	10	8
1994/95	18	14
1995/96	28	20
1996/97	24	19
1997/98	32	23
1998/99	37	29
1999/00	79	68
2000/01	41	28
2001/02	66	49
2002/03	61	46
2003/04	110	78
2004/05	198	98
2005/06	231	101
2006/07	389	114
2007/08	403	112
2008/09	318	128



CLINICAL TEACHING

The aim of clinical teaching in 2008 was further enhancing the quality of its content matter and seeking the best conditions not only for transmission of theoretical knowledge but also for gaining practical skills within the study of clinical subjects – not just to fill in the “logbook”. The “logbook” (formally, the *List of practical procedures*) was given to all 3rd year students in the academic year 2008-2009 for the new core subject Practical clinical skills (code B01939), which will be checked in the form of compulsory credits at the Institute of General Medicine in the 6th year of studies (from the academic year 2009-2010 on) just before the concluding part of the Rigorous State Examination. Since 2008, a unique and most important part of clinical teaching has been the use of the latest **training machines and simulators** to practise the skills. The choice of particular equipment for training was initiated and co-ordinated by the Education Board of the First Faculty of Medicine at the Dean’s instance, and the purchase was done by the end of the year. Another important asset for the Faculty’s educational activity was the opening of the new TV and video recording centre for preparation of educational programmes, which considerably widened the spectrum of new audiovisual pro-

grammes and facilitated their creation. Further, there was an important discussion about setting the terms of examination following block tuition and about the factors to be considered when part of the clinical placement before the Rigorous State Examination is possibly taken at a unit beyond the Faculty.

Evaluation of tuition, which is done by the student, has been intensively and in much detail analysed by the Dean’s Board, Academic Senate, Education Board and Scientific Board of the Faculty. The number of students who follow individualized curricula grew again, mainly due to stays abroad under the Socrates international exchange programme. Naturally the centre of clinical teaching and the core of the teaching output are at the units of the General Teaching Hospital, nevertheless the other clinical units of the Faculty, those at the Motol Teaching Hospital, Thomayer Teaching Hospital in Krč, Bulovka Teaching Hospital and Central Army Hospital, traditionally provide a high standard of clinical training for our students. In 2008 again we were able to improve the environment and conditions for undergraduate tuition at some institutes and clinical departments, which also included the upgrade of teaching facilities and edition of new textbooks and



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other aids, particularly in the electronic form. Clinical teaching therefore makes a good use of the upgrade of equipment and innovation of diagnostic and therapeutic methods at the units which constitute its clinical base.

On the other hand, the staff of the *1st Department of Surgery* at the General Teaching Hospital had to face precarious conditions in clinical teaching, hampered by the extensive reconstruction works in the whole building of the clinic. This entailed the necessity to transfer part of the teaching as well as therapeutic care to some other units within the General Teaching Hospital.

At the *3rd Department of Surgery* at the Motol Teaching Hospital, new teaching aids have been prepared, such as educational CDs and DVDs on surgery, an e-learning set of lectures for students of the First Faculty of Medicine and – under the EUNI project – an educational programme on lung carcinoma (by Pafko & Kabát), which is updated continuously. At the Galén publishers, a textbook on Basics of special surgery (P. Pafko et al. *Základy speciální chirurgie*) was published.

At the *Department of Psychiatry* the textbook of Clinical psychiatry for 6th year students is in print. At the *Department of Orthopaedics* our students can optionally attend the out-patient trauma care department of the clinic and take an active part in care of patients at the Prague Trauma Centre.

At the *Department of Phoniatrics* in the General Teaching Hospital, a programme for investigation of the voice field, a multimedia training dictionary of voice disorders and diagnostic software for patients with cochlear implants (lip reading test) have been developed in co-operation with the Czech Technical University.

The staff of *Department of Dermatology and Venereology* in the General Teaching Hospital obtained a grant by the Fund for Development of Higher Schools for the project called Development of Multimedia Teaching Aids in Dermatology and Venereology. The *Institute of General Medicine* took the responsibility for teaching the new subject Practical clinical skills. The team of the *Institute of Hygiene and Epidemiology* finished the textbook on Hygiene of Nutrition and Nutritional Epidemiology for the subject Hygiene of nutrition in the new bachelor degree programme of Nutritional therapy, and also completed a chapter for the textbook on occupational diseases. The EUNI lecture Tobacco dependence is available at the www.euni.cz web.

The *3rd Department of Infectious and Tropical Diseases* in the Teaching Hospital Na Bulovce runs a web page for students in the 3rd and 5th year (also available in the English version), which provides study materials, including 34 model case studies. At the web page, presentations of the teachers have been placed as well, and the multimedia lecture Exanthemas of infectious diseases. The students' changing rooms at the clinic have been refurbished, now with the capacity for 56 medics, the out-patient reception was reconstructed, and a new ultrasound appliance was bought, financed from the AIDS account. In the second half of 2008 the staff played a major role in managing the epidemics of virus A hepatitis in the city and were acknowledged by the Chief Health Officer of the Czech Republic for their desert.

In the Central Military Hospital in Prague, the reconstructed Ward C was opened, which includes a unique workplace – a multifunctional neurosurgical operating theatre adjacent to a MRI device (3 Tesla). This arrangement – unique worldwide so far – enables post-operative check-up by MRI investigation with high discriminating ability. This helps to optimize the extent of neurooncologic surgeries and enhances their safety. With some other technology in the theatre (guiding system, neuroendoscope), the *Department of Neurosurgery* possesses a top-level facility, which has enabled about 160 surgeries since its opening, mainly operations for gliomas and tumours in the sellar region. Thereby the clinic achieved a high standing and became a worldwide training centre for per-operative MRI. For the second time already, the Cen-

tral Military Hospital received the re-accreditation certificate from the American corporation Joint Commission International.

At the *Institute of Pathology*, lockers for students were installed in the medics' containment space and in the lounge of the dissection room, and digitalization of seminar programmes for medical students was completed. The *2nd Department of Surgery* – clinic of cardiovascular surgery – introduced the x-ray C-shoulder in the operating theatres, which considerably enhances the quality of care both in vascular surgery and in cardiosurgery and is important not only for the patients but also for the training of students. At the *Department of Gynaecology and Obstetrics* in the Teaching Hospital Na Bulovce the practical training was widened by introduction of Techniques of surgical suture. The *1st Department of Orthopaedics* at Motol Teaching Hospital presents multimedia lectures on the internet portal of the First Faculty of Medicine in the system of e-learning.

The staff of the *Department of Urology* in the General Teaching Hospital published the monograph *Nemoci močovodu* [Diseases of the ureter] by T. Hanuš, K. Novák et al. at Galén publishers in Prague. Prof. Dvořáček was awarded the prestigious honorary membership of the European Urologic Association (EAU), and the children's department of the clinic received the European certificate of JCPE Board (Joint Committee of Paediatric Urology Board) for postgraduate training in Paediatric Urology.

The staff of the *Department of Gynaecology and Obstetrics* at the General Teaching Hospital published a colposcopic atlas for undergraduate students in the photographic form, available during the clinical placement at the oncogynaecologic ward, prepared presentations of basic procedures in oncogynaecology with access on e-learning for undergraduate studies, created the educational DVD on Abdominal hysterectomy in co-operation with the Grada publishers, and included the e-learning lecture Caesarean section in the course of tuition.

The *Department of ENT and Head & Neck Surgery* at the Motol Teaching Hospital further developed the credit system, where particular parts of tuition are given a certain number of credit points depending on their importance. The students are informed about the necessary minimum number of points required to get the credits. The points gained are confirmed by the teacher after finishing a tuition unit, and entered in the placement form which every student is given on the first day of the placements. This system provides the students with a wide offer of facultative programmes, and they can participate in the everyday operation of the clinic in out-patient facilities, wards and operating theatres, for which they gain credit points depending on the time spent. Within the specialty the students may choose more theoretical or more practical training, guided by their interest. For the bedside placements, which are also part of the credit system, the students are divided into groups of not more than six people. In these groups they can learn about the whole scope of patients at the clinic and about particular differences in organization and work at all parts of the clinic.

At the *Department of Nephrology*, the premises for tuition in seminars were refurbished and updated (PCs, air-conditioning). A set of training machines was devised for practical tuition of nephrology and intensive medicine.

In tuition of nuclear medicine and bachelor degree programmes at the *Institute of Nuclear Medicine*, interactive forms of training have been further developed, using the Turning Point vote recorder and short videos prepared by the teachers from the clinical department. New forms of tuition meet a good response among students. Direct feedback has been established through an anonymous questionnaire, in which quality of particular seminars and placements is evaluated in a number of aspects (importance of the topic, intelligibility, quality of documents). In long-term evaluation there is a gradual rise in the number of questionnaires returned and in the positive response to the changes in tuition.

The *Institute of Clinical Biochemistry and Laboratory Diagnostics* continuously tackled the support for e-learning throughout 2008. The common portal of medical faculties in the Czech Republic (MEFANET) was established, with both Czech and English language version. The staff members of the Institute have put 36 presentations on the portal.

The *Institute of Sports Medicine* introduced teaching spirometry in the on-line form with data projection already in the second function laboratory, which would enable the students to follow the export of the readings to Excel from the respiratory gas analyzer, and create an interactive medical report.

At the *Department of Anaesthesiology, Resuscitation and Intensive Medicine* in the General Teaching Hospital, 14 basic e-learning modules in the Breeze programme have been finished, 30 to 60 minutes long each. These presentations, supplied with sound and com-

ments, cover all basic topics taught in the subject Emergency medicine for the master degree programme in the field of General medicine. These lectures are available not only on the educational portal of the First Faculty of Medicine but also on a CD-ROM for those students who do not have regular access to the internet.

It has been a well-established tradition that tuition in the so-called “clinical” years (4th to 6th years of studies) in the programme of General medicine at the Faculty is in the modern form of “block study”. It is and the more will be demanding to match the growing educational, scientific and therapeutic (and prophylactic) activity of the teaching staff with the students’ natural request for practical bedside training, achieving an adequate teacher to students ratio. Anyway, 2008 can be judged as a successful year in clinical education, and we can look forward to developing it further in 2009.

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Vice-Dean for Clinical Education and Postgraduate Studies*



On 28th November, the “Czech Top 100” award gala evening took place in the Spanish Hall of the Prague Castle, where the First Faculty of Medicine was awarded a diploma to confirm that its Scientific Centres rank among the best institutions within the Czech Republic in the category “Education – Science – Health – Humanity” in 2008.

EVALUATION OF TUITION BY STUDENTS

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

Evaluation of tuition by the students has been marked by some substantial changes in the academic year 2005–2006, as it was done electronically for the first time. In 2006–2007 this was repeated and at a time the previous year's results were analyzed. The main task during the academic year 2006–2007 was to perform the evaluation through the electronic form of data collection and processing within the student information system (SIS). Data collection was commenced in October 2007 and finished in October 2008. The first processed sets of data were given to the Board in December 2008, and in the same month the basic sets were passed to the Dean's Board. The students of all years and fields of study who took part in the evaluation between May and October 2008 were 527 in number. Regrettably, this number can hardly be judged as adequate and – like in the previous academic year – affects the representativeness of the results. Therefore the board focused on analysis of the students' repeated complaints, as at least the factors that the students mind again may be held for relevant.

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

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

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Vice-Dean for International Students and Social Affairs*



The Great Lecture Hall at the Institute of Anatomy of the First Faculty of Medicine after the reconstruction

Chart showing the items scored in evaluation of tuition by students of the Faculty in the academic year 2007–2008, arranged from the best to the worst scored on average

Statement	Average grade	1 – I wholly agree	2 – I rather agree	3 – I rather disagree	4 – I wholly disagree	Total number of answers
I appreciate the teacher's teaching skills	1.45	69.53 %	19.73 %	6.72 %	4.01 %	6,056
The teacher was a friendly partner in communication	1.45	71.61 %	16.63 %	6.54 %	5.21 %	6,084
There was an adequate chance to enrol for the exam	1.51	63.59 %	25.58 %	6.87 %	3.96 %	2,576
I find the grading at the exam objective	1.52	63.12 %	25.51 %	7.17 %	4.21 %	2,568
The atmosphere at the institute/department is friendly and outgoing	1.59	55.69 %	33.13 %	7.75 %	3.42 %	3,302
Placements were an asset in general	1.69	50.6 %	33.98 %	11.13 %	4.29 %	1,492
I find that the subject, as it was taught, makes sense	1.73	49.84 %	33.07 %	11.57 %	5.52 %	3,405
There are study texts/publications available	1.73	50.82 %	30.98 %	12.13 %	6.06 %	2,853
The overall level and organization of tuition was good	1.74	46.69 %	36.36 %	12.98 %	3.98 %	3,320
Placements were an asset for the exam	1.75	47.43 %	34.68 %	12.98 %	4.91 %	1,263
Seminars were an asset for the exam	1.78	46.46 %	34.59 %	13.93 %	5.02 %	2,570
The technical support and background were all right	1.8	44.06 %	36.91 %	14.15 %	4.89 %	1,371
The premises and furnishing of the classroom are all right	1.83	42.45 %	37.15 %	15.56 %	4.83 %	1,510
Teachers conceived the seminars interactively	1.83	41.15 %	38.67 %	15.72 %	4.46 %	2,984
Practicals were an asset for the exam	1.85	45.94 %	30.94 %	15.63 %	7.5 %	1,280
Placements were well-organized, without waste of time	1.85	42.55 %	35.27 %	16.42 %	5.75 %	1,443
The practicals captured my attention	1.87	45.16 %	31 %	15.29 %	8.56 %	1,426
The schedule suited me this year	1.87	35.85 %	47.17 %	11.32 %	5.66 %	53
The textbooks and other texts for study are of good quality	1.89	42.98 %	32.82 %	16.23 %	7.97 %	2,834
Lectures were an asset and I would recommend them to my colleagues	1.92	41 %	33.79 %	17.05 %	8.15 %	1,595
Web pages of the institutes and departments are up to date and informative enough for training	1.92	40.86 %	34.22 %	16.61 %	8.31 %	2,817
Seminars promoted the ability of thinking	1.97	36.31 %	36.73 %	20.88 %	6.08 %	2,864
Lectures were an asset for the exam	1.98	38.52 %	34.18 %	18.39 %	8.91 %	1,381
The number and composition of patients were adequate	1.98	38.55 %	33.36 %	19.79 %	8.3 %	1,349

POSTGRADUATE STUDIES

2008 was a very important year for the First Faculty of Medicine in the sphere of doctoral studies. The important thing was that the Ministry of Education, Youth and Physical Culture of the Czech Republic approved the accreditations for 13 doctoral study programmes (except for Medical microbiology and Molecular cell biology, genetics and virology) with the standard duration of studies at four years. At the time our Faculty possesses accreditations for 19 programmes in Czech language and 17 programmes in English. For some Specialist Boards new members were proposed while the composition of the chairpersons of the boards is stable. In 2008 again the interest in doctoral studies of biomedical sciences at the Faculty increased, and again the number of graduate students in the combined form of study (623 out of the total 963 doctoral students) is higher than that of full-time students (340). The doctoral programme of biomedical sciences was completed by 56 students at our Faculty. Still it is obvious that the requirements on scientific output (including the impact factor) of doctor programme students at Charles University and Academy of Sciences are higher than at other institutions in the Czech Republic. This certainly influences the final number of students who pass the doctoral study programmes.

In 2008 the standard duration of studies in doctoral studies of biomedical sciences was officially accepted. The management of the Faculty together with the other medical faculties, the Faculty of Natural Science of Charles University and Academy of Sciences of the Czech Republic had taken part in the process directed towards prolongation of the standard duration of doctoral studies of biomedical sciences to four years in the full-time form.

The Faculty web pages on postgraduate studies in both Czech and English languages are updated continuously. The following charts provide detailed information about doctoral study programmes in biomedical sciences at the First Faculty of Medicine of Charles University.

DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE SPECIALIST BOARDS

- Molecular and Cellular Biology, Genetics and Virology
Doc. RNDr. Petr Pikálek, CSc., Faculty of Science, Prague
- Cell Biology and Pathology
Prof. MUDr. Milan Elleder, DrSc., First Faculty of Medicine, Prague
- Biomedical Informatics
Prof. RNDr. Jana Zvárová, DrSc., First Faculty of Medicine, Prague
- Developmental Biology
Doc. RNDr. Josef Nedvídek, CSc., Faculty of Science, Prague
- Biochemistry and Pathobiochemistry
Prof. MUDr. Jiří Kraml, DrSc., First Faculty of Medicine, Prague
- Human Physiology and Pathophysiology
Prof. MUDr. Stanislav Trojan, DrSc., First Faculty of Medicine, Prague
- Immunology
Doc. RNDr. Vladimír Holáň, DrSc., Faculty of Science, Prague

- Medical Microbiology
Doc. RNDr. Jaroslava Svobodová, CSc., Faculty of Science, Prague
- Neurosciences
Prof. MUDr. Karel Šonka, DrSc., First Faculty of Medicine, Prague
- Pharmacology and Toxicology
Prof. MUDr. Sixtus Hynie, DrSc., First Faculty of Medicine, Prague
- Medical Biophysics
Prof. MUDr. RNDr. Jiří Beneš, DrSc., First Faculty of Medicine, Prague
- Parasitology
Doc. RNDr. Jaroslav Kulda, CSc., Faculty of Science, Prague
- Experimental Surgery
Prof. MUDr. Jaroslav Živný, DrSc., First Faculty of Medicine, Prague
- Preventive Medicine
Doc. MUDr. Alexander M. Čelko, CSc., Third Faculty of Medicine, Prague
- Gerontology
Prof. MUDr. Eva Topinková, CSc., First Faculty of Medicine, Prague
- Psychology
Prof. MUDr. Jiří Raboch, DrSc., First Faculty of Medicine, Prague
- Medical Ethics
MUDr. Mgr. Jan Payne, Ph.D., First Faculty of Medicine, Prague
- History of Medicine
Prof. PhDr. Milada Říhová, CSc., First Faculty of Medicine, Prague
- Imaging Techniques in Medicine
Prof. MUDr. Jan Daneš, DrSc., First Faculty of Medicine, Prague

DOCTORAL STUDY PROGRAMMES ACCREDITED IN CZECH AND VALIDITY OF THE ACCREDITATION (full-time form 3 years)

Biochemistry and Pathobiochemistry	20 Dec 2009
Cell Biology and Pathology	20 Dec 2009
Biomedical Informatics	20 Dec 2013
History of Medicine	10 Mar 2012
Experimental Surgery	20 Dec 2009
Pharmacology and Toxicology	20 Dec 2009
Human Physiology and Pathophysiology	20 Dec 2009
Gerontology	15 Aug 2010
Immunology	20 Dec 2009
Medical Biophysics	01 Mar 2015
Medical Ethics	31 Oct 2009
Medical Microbiology	18 Dec 2009
Molecular and Cellular Biology, Genetics and Virology	20 Dec 2009
Neurosciences	20 Dec 2009
Parasitology	30 Apr 2016
Preventive Medicine	20 Dec 2009
Psychology – Medical Psychology and Psychopathology	01 Mar 2011
Developmental Biology	20 Dec 2009
Imaging Techniques in Medicine	01 Aug 2015

DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION (full-time form 3 years)

Biochemistry and Pathobiochemistry	20 Dec 2009	Medical Biophysics	01 Mar 2015
Biomedical Informatics	20 Dec 2013	Medical Microbiology	18 Dec 2009
Cell Biology and Pathology	20 Dec 2009	Molecular and Cellular Biology, Genetics and Virology	20 Dec 2009
Developmental Biology	20 Dec 2009	Neurosciences	20 Dec 2009
Experimental Surgery	20 Dec 2009	Parasitology	30 Apr 2016
Gerontology	15 Aug 2010	Pharmacology and Toxicology	20 Dec 2009
Human Physiology and Pathophysiology	20 Dec 2009	Preventive Medicine	20 Dec 2009
Immunology	20 Dec 2009	Psychology – Clinical Psychology and Psychopathology	01 Mar 2011
		Imaging Methods in Medicine	01 Aug 2015

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Survey of the number of students in the doctoral study programmes at particular Faculty institutions by the field and form of study (figures by 1 November 2008)

name of the institution	full-time	combined	total
1 st Department of Tuberculosis and Respiratory Diseases	0	1	1
1 st Department of Medicine	4	9	13
1 st Department of Surgery	0	5	5
2 nd Department of Medicine	5	26	31
2 nd Department of Surgery	1	14	15
3 rd Dept. of Infectious & Tropical Diseases at TH Na Bulovce	9	4	13
3 rd Department of Medicine	21	19	40
3 rd Department of Surgery	0	11	11
4 th Department of Medicine	5	9	14
Department of Anaesthesiology and Resuscitation	1	7	8
Department of Dermatology and Venereology	1	0	1
Department of ENT	4	3	7
Department of Geriatrics	1	3	4
Department of Gynaecology & Obstetrics at TH Na Bulovce	6	1	7
Department of Gynaecology and Obstetrics	1	24	25
Department of Nephrology	4	5	9
Department of Neurology	12	24	36
Department of Neurosurgery at Central Military Hospital	1	3	4
Department of Occupational Diseases	1	2	3
Department of Oncology	3	5	8
Department of Ophthalmology	4	4	8
Department of Orthopaedics	6	7	13
Department of Orthopaedics at TH Na Bulovce	4	2	6
Department of Paediatrics & Adolescent Medicine	15	13	28
Department of Paediatrics at Thomayer TH	0	1	1
Department of Phoniatics	1	3	4
Department of Plastic Surgery	3	3	6
Department of Psychiatry	17	29	46
Department of Radiodiagnosics	1	4	5
Department of Radiodiagnosics at TH Na Bulovce	0	1	1
Department of Rehabilitation Medicine	3	10	13
Department of Rheumatology	6	4	10
Department of Stomatology	1	15	16

Department of Urology	0	5	5
Institute for History of Medicine and Foreign Languages	2	10	12
Institute of Anatomy	3	7	10
Institute of Biochemistry & Experimental Oncology	5	5	10
Institute of Biology and Medical Genetics	2	1	3
Institute of Biophysics and Informatics	0	5	5
Institute of Cell Biology and Pathology	2	2	4
Institute of Clinical Biochemistry & Laboratory Diagnostics	15	21	36
Institute of Forensic Medicine and Toxicology	0	3	3
Institute of Histology and Embryology	7	11	18
Institute of Humanitarian Studies in Medicine	14	12	26
Institute of Immunology and Microbiology	11	11	22
Institute of Inherited Metabolic Disorders	8	10	18
Institute of Medical Biochemistry	2	2	4
Institute of Nuclear Medicine	1	2	3
Institute of Pathological Physiology	19	19	38
Institute of Pathology	1	2	3
Institute of Pharmacology	5	8	13
Institute of Physiology	8	8	16
Institute of Sexology	6	11	17
Institute of Sports Medicine	1	3	4
Medical Department at Central Military Hospital	1	3	4
Research Institute of Stomatology	3	8	11
Department of Surgery at TH Na Bulovce	0	3	3
Department of Surgery at Thomayer TH	0	4	4
Organizational units of the First Faculty of Medicine – total	257	447	704

Doctoral State Examinations

Surname and first name	Title	Field	Date of examination
Bahannan Aldulrahman	MUDr.	Experimental Surgery	19 May 2008
Balabánová Petra	Mgr.	Medical Psychology and Psychopathology	02 Sep 2008
Bálková Štěpánka	MUDr.	Preventive Medicine	22 Jan 2008
Bláha Jan	MUDr.	Human Physiology and Pathophysiology	16 Oct 2008
Bošanská Lenka	MUDr.	Human Physiology and Pathophysiology	26 June 2008
Broučková Adéla	Ing.	Molecular and Cellular Biology, Genetics and Virology	04 June 2008
Buriánová Lucie	MUDr.	Human Physiology and Pathophysiology	16 Oct 2008
Bušek Petr	MUDr.	Biochemistry and Pathobiochemistry	13 Feb 2008
Cebecauerová Dita	MUDr.	Biochemistry and Pathobiochemistry	13 May 2008
Cimrmannová Tereza	Mgr.	Medical Ethics	23 Sep 2008
Círmanová Veronika	MUDr.	Human Physiology and Pathophysiology	24 Sep 2008
Čada Zdeněk	MUDr.	Experimental Surgery	20 Feb 2008
Čermáková Markéta	Mgr.	Medical Ethics	11 June 2008
Černý Dalibor	PharmDr.	Pharmacology and Toxicology	11 June 2008
Černý Karel	Mgr.	History of Medicine	26 Mar 2008
Drápal Marek	Ing.	Medical Biophysics	25 Nov 2008
Drastich Pavel	MUDr.	Human Physiology and Pathophysiology	24 Sep 2008
Drbohlav Jan	Mgr.	Medical Psychology and Psychopathology	02 Sep 2008
Drozd Milan	MUDr.	Medical Psychology and Psychopathology	02 Sep 2008
Dudek Michal	MUDr.	Preventive Medicine	22 Jan 2008
Dufková Blanka	MUDr.	Human Physiology and Pathophysiology	21 Feb 2008
Dundr Pavel	MUDr.	Cell Biology and Pathology	12 June 2008

Ďurovcová Viktória	MUDr.	Human Physiology and Pathophysiology	26 June 2008
Fanta Michael	MUDr.	Experimental Surgery	17 Dec 2008
Florianová Martina	Mgr.	Molecular and Cellular Biology, Genetics and Virology	13 Feb 2008
Fornůsková Daniela	Mgr.	Biochemistry and Pathobiochemistry	13 Feb 2008
Fraško Roman	MUDr.	Experimental Surgery	16 Apr 2008
Frydlová Jana	Mgr.	Biochemistry and Pathobiochemistry	22 May 2008
Glierová Hana	Mgr.	Molecular and Cellular Biology, Genetics and Virology	13 Feb 2008
Halmo Renata	PhDr.	Medical Ethics	23 Sep 2008
Handrková Helena	MUDr., Mgr.	Molecular and Cellular Biology, Genetics and Virology	08 July 2008
Hodis Jiří	MUDr.	Pharmacology and Toxicology	11 June 2008
Horvat Eszter Maurovich	MUDr.	Neurosciences	22 Sep 2008
Hrdý Jiří	Mgr.	Immunology	27 Mar 2008
Hrušková Zdenka	MUDr.	Human Physiology and Pathophysiology	21 Feb 2008
Hucl Tomáš	MUDr.	Human Physiology and Pathophysiology	13 Mar 2008
Chytilová Eva	MUDr.	Human Physiology and Pathophysiology	21 Feb 2008
Jančárková Natalia	MUDr.	Experimental Surgery	30 Apr 2008
Jeleník Tomáš	Ing.	Biochemistry and Pathobiochemistry	20 June 2008
Ježek Jan	RNDr.	Biochemistry and Pathobiochemistry	20 June 2008
Jílková Zuzana	Mgr.	Biochemistry and Pathobiochemistry	06 Feb 2008
Kancheva Lyudmila	MUDr.	Human Physiology and Pathophysiology	17 Jan 2008
Kideryová Linda	Mgr.	Cell Biology and Pathology	18 Sep 2008
Klapilová Kateřina	Mgr.	Medical Psychology and Psychopathology	02 Sep 2008
Kotalová Daniela	Ing.	Medical Biophysics	11 June 2008
Krejčí Eliška	Ing.	Developmental Biology	28 Apr 2008
Krupička Jan	MUDr.	Human Physiology and Pathophysiology	20 Nov 2008
Křemen Jaromír	MUDr.	Human Physiology and Pathophysiology	21 Feb 2008
Křepelka Petr	MUDr.	Medical Ethics	23 Sep 2008
Kuběnová Vanda	Mgr.	Medical Ethics	23 Sep 2008
Kudrnová Zuzana	MUDr.	Human Physiology and Pathophysiology	15 May 2008
Kunstýř Jan	MUDr.	Experimental Surgery	26 Mar 2008
Langrová Kateřina	MUDr.	Preventive Medicine	24 Sep 2008
Lejsková Magdalena	MUDr.	Gerontology	21 Oct 2008
Lukeš Petr	MUDr.	Experimental Surgery	17 Dec 2008
Magner Martin	MUDr.	Biochemistry and Pathobiochemistry	08 Sep 2008
Martásková Debora	Mgr.	Medical Psychology and Psychopathology	02 Dec 2008
Matia Ivan	MUDr.	Experimental Surgery	26 Mar 2008
Matyšková Resha	Mgr.	Biochemistry and Pathobiochemistry	10 Sep 2008
Medříková Daša	Mgr.	Biochemistry and Pathobiochemistry	20 June 2008
Melkusová Petra	Ing.	Pharmacology and Toxicology	11 June 2008
Mergental Hynek	MUDr.	Experimental Surgery	16 Apr 2008
Mikšovský Martin	MUDr.	Preventive Medicine	22 Jan 2008
Mindlová Martina	MUDr.	Biologie a patologie buňky	12 June 2008
Moravcová Pavla	Mgr.	Medical Psychology and Psychopathology	19 Feb 2008
Nawka Alexander	MUDr.	Medical Psychology and Psychopathology	02 Sep 2008
Nawková Lucie	MUDr.	Medical Psychology and Psychopathology	02 Sep 2008
Novotná Lenka	Mgr.	Biochemistry and Pathobiochemistry	22 May 2008
Obtřílková Petra	MUDr.	Human Physiology and Pathophysiology	17 Jan 2008
Oganessian Edgar	MUDr.	Preventive Medicine	22 Jan 2008
Opatrná Marie	MUDr., Mgr	Medical Ethics	09 Jan 2008
Panigaj Martin	Mgr.	Molecular and Cellular Biology, Genetics and Virology	13 Feb 2008
Pavlová Barbora	PhDr.	Medical Psychology and Psychopathology	19 Feb 2008
Pelichovská Tereza	MUDr.	Human Physiology and Pathophysiology	17 Jan 2008

Pešlová Gabriela	Mgr.	Biochemistry and Pathobiochemistry	20 Nov 2008
Petrášek Jan	MUDr.	Biochemistry and Pathobiochemistry	13 May 2008
Petrušková Andrea	MUDr.	Medical Biophysics	07 Oct 2008
Pipková Irena	MUDr.	Medical Ethics	23 Sep 2008
Provazníková Dana	Mgr.	Biochemistry and Pathobiochemistry	20 Nov 2008
Riegelová Sonja	PhDr.	Medical Psychology and Psychopathology	02 Sep 2008
Rosa Ján	MUDr.	Human Physiology and Pathophysiology	15 May 2008
Roubíček Tomáš	MUDr.	Human Physiology and Pathophysiology	12 June 2008
Roubíčková Adéla	MUDr.	Preventive Medicine	22 Jan 2008
Sheshko Valeria	Mgr.	Immunology	04 June 2008
Skalická Hana	MUDr.	Human Physiology and Pathophysiology	20 Nov 2008
Soukup Jan	PhDr.	Medical Psychology and Psychopathology	02 Sep 2008
Šnajdr Pavel	MUDr.	Developmental Biology	28 Apr 2008
Štěpánková Lenka	MUDr.	Preventive Medicine	24 Sep 2008
Šterclová Martina	MUDr.	Immunology	04 June 2008
Tajtlová Jana	Mgr.	Molecular and Cellular Biology, Genetics and Virology	09 Sep 2008
Tichá Ivana	Mgr.	Biochemistry and Pathobiochemistry	20 Nov 2008
Tomanová Jana	Mgr.	Medical Psychology and Psychopathology	02 Sep 2008
Tomka Milan	MUDr.	Preventive Medicine	22 Jan 2008
Vymětalová Yevheniya	MUDr.	Human Physiology and Pathophysiology	12 June 2008
Zacharovová Klára	Mgr.	Cell Biology and Pathology	11 Dec 2008
Závada Jakub	MUDr.	Human Physiology and Pathophysiology	18 Sep 2008
Zikmundová Martina	Mgr.	Medical Psychology and Psychopathology	19 Feb 2008
Zlatohlávková Blanka	MUDr.	Medical Ethics	23 Sep 2008
Žuchová Světлана	PhDr., Mgr.	Medical Psychology and Psychopathology	02 Sep 2008



Dr. Alena Čížková, of the Institute of Inherited Metabolic Disorders of the First Faculty of Medicine and General Teaching Hospital, was awarded “Czech Head” prize in the category of students in doctoral programmes for the discovery of the gene disorder that causes serious disease in children

Dissertation theses defended in the doctoral study programme

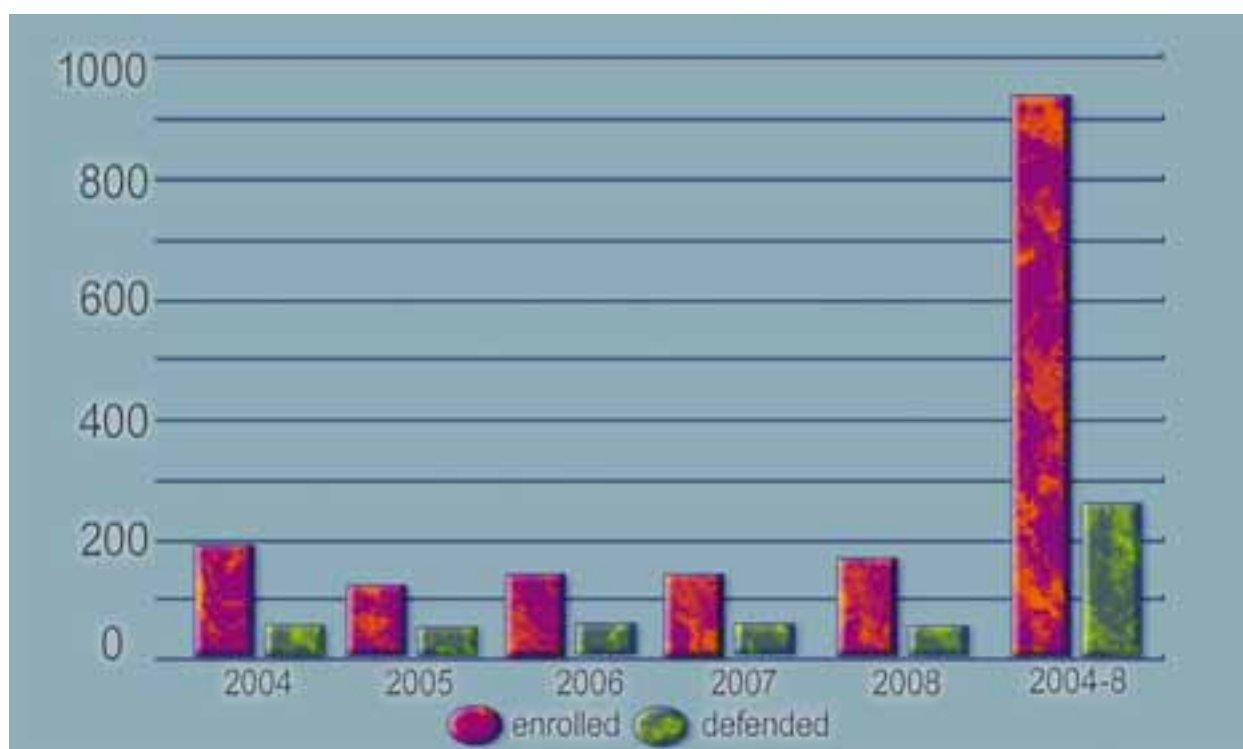
Surname, first name	Title	Field	Date of defence	Title of the thesis
Adamíková Alena	MUDr.	Human Physiology and Pathophysiology	13 Mar 2008	Some aspects of pathological physiology of macrovascular complications in type 2 diabetics and their practical employment
Bahannan Abdulrahman	MUDr.	Experimental Surgery	18 Sep 2008	Quality of voice and life in patients with an early stage of laryngeal carcinoma, treated with 1 st –5 th type laser endoscopic chordectomy or radiotherapy
Belošovičová Hana	MUDr.	Experimental Surgery	17 Sep 2008	Concentration of plasmic cysteine in physiologic pregnancy and pregnancy with subsequent development of pre-eclampsia
Buganová Michaela	MUDr.	Biochemistry and Pathobiochemistry	19 June 2008	Hemoprotein Nitric Oxide Synthase in <i>Aplysia Californica</i>
Černý Karel	Mgr.	History of Medicine	25 June 2008	Medicine in 17 th century monastic societies: the Jesuit order as an example
Čertíková-Chábová Věra	MUDr.	Human Physiology and Pathophysiology	15 May 2008	Role of metabolites of arachidonic acid by way of P-450 cytochrome in pathogenesis of hypertension
Čtrnáctá Vlasta	Mgr.	Human Physiology and Pathophysiology	24 Sep 2008	Molecular biochemical properties of three enzymes which can serve as target structures for designing of <i>Cryptosporidium parvum</i> medications
Dostálová Simona	MUDr.	Neurosciences	10 Mar 2008	Craniofacial abnormalities in sleep apnoic syndrome
Dvořánková Barbora	RNDr.	Experimental Surgery	16 Jan 2008	Glycobiology of pavement epithelia – in vitro and in vivo
Fajt Tomáš	MUDr.	Experimental Surgery	06 Feb 2008	Metabolic aspects of hormone substitution therapy in post-menopausal females
Fischerová Daniela	MUDr.	Experimental Surgery	24 Sep 2008	Use of ultrasound investigation in oncogynaecology
Flekač Milan	MUDr.	Biochemistry and Pathobiochemistry	22 May 2008	Polymorphisms of genes of selected antioxidant enzymes and diabetes mellitus
Frolová Lenka	Mgr.	Immunology	24 Sep 2008	Pathogenic Mechanism of Inflammatory Bowel Diseases: Participation of Intestinal Microflora and Immunological Factors
Haluzík Michal	Mgr.	Human Physiology and Pathophysiology	18 Sep 2008	Adipose tissue as an endocrine organ: importance in occurrence and development of insulin resistance in diabetes mellitus
Harsa Pavel	PaedDr. PhDr.	Psychology	02 Sep 2008	Assessment and measurement of aggression in mental patients by means of psychodiagnostic methods
Havránek Štěpán	MUDr.	Human Physiology and Pathophysiology	12 June 2008	Comparison of QT dispersion and turbulence of heart rate
Herknerová Magdalena	MUDr.	Human Physiology and Pathophysiology	16 Oct 2008	Contribution to the question of bronchopulmonary dysplasia
Hrnčíř Tomáš	MUDr.	Immunology	24 Sep 2008	The Role of Gut Microbiota and Lipopolysaccharide Content of the Diet in the Development, Maturation and Function of the Immune System
Hřibová Petra	Ing.	Molecular and Cellular Biology, Genetics and Virology	13 Feb 2008	Influence of expression and polymorphism of inflammatory genes on the prospect of a transplanted kidney
Hucl Tomáš	MUDr.	Human Physiology and Pathophysiology	26 June 2008	Fanconi anaemia and pancreas carcinoma
Jančárková Natalia	MUDr.	Experimental Surgery	17 Sep 2008	Genetic aspects of sporadic ovarian carcinoma
Kaiser Miroslav	MUDr.	Neurosciences	10 Mar 2008	Importance of ischemic brain lesion in neuro-developmental animal model of schizophrenia
Kalmárová Markéta	Mgr.	Cell Biology and Pathology	12 June 2008	Relationship Between Large-scale Chromatin Organization and Nucleolus in Human Cells
Klusáčková Pavlína	MUDr.	Human Physiology and Pathophysiology	18 Sep 2008	Possibilities of early diagnosis for occupational bronchial asthma
Kolesová Hana	Mgr.	Developmental Biology	26 Sep 2008	Mechanisms of development of blood vessels in the branchial area
Krčmář Michal	MUDr.	Human Physiology and Pathophysiology	26 June 2008	Possibilities of ultrasound diagnosis for prolapse of the dorsal uterine wall
Křemen Jaromír	MUDr.	Human Physiology and Pathophysiology	16 Oct 2008	Role of adipose tissue in development of insulin resistance in the critically ill: influence of anti-inflammatory cytokines

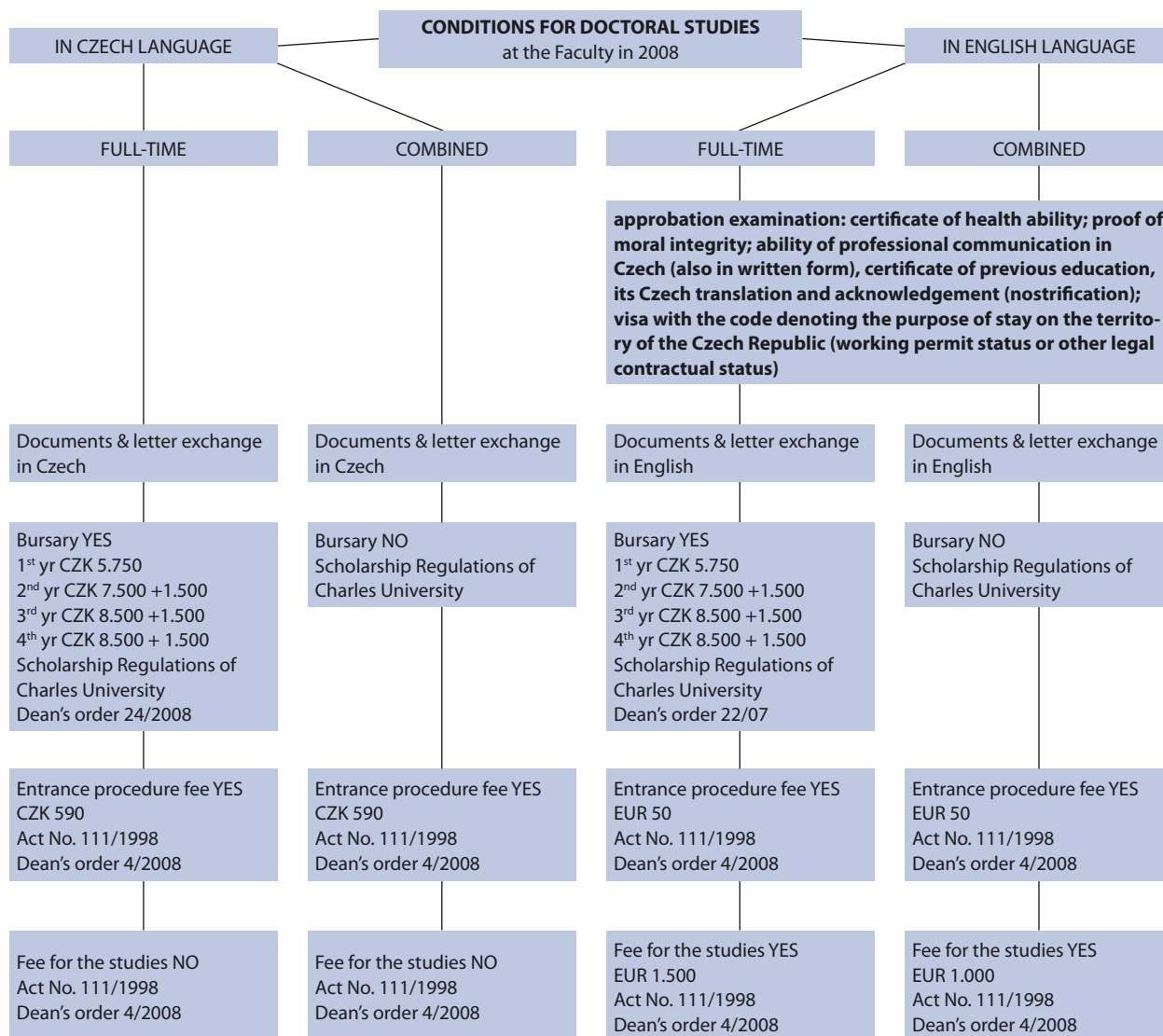
Kunstýř Jan	MUDr.	Experimental Surgery	10 Sep 2008	Pitfalls of surgical treatment of chronic thromboembolic pulmonary hypertension in an anaesthetist's view
Kutinová-Canová Nikolína	MUDr.	Pharmacology and Toxicology	11 June 2008	Study of signal systems with special focus on the role of nitrogen oxide: expression, regulation and pharmacologic modulation in hepatocytes and other cells
Lacina Lukáš	MUDr.	Cell Biology and Pathology	11 Dec 2008	Glycobiology of the epidermis under physiologic and pathologic conditions
Lecian Dalibor	MUDr.	Biochemistry and Pathobiochemistry	09 Sep 2008	Molecular factors of atherogenesis in chronic renal insufficiency with use of the experimental model of chronic inhibition of nitrogen oxide synthesis and ways it is influenced by HMG-CoA reductase inhibition
Lišková Petra	MUDr.	Cell Biology and Pathology	12 June 2008	Genetic aspects of dorsal polymorphous dystrophy of the cornea
Maixnerová Dita	MUDr.	Human Physiology and Pathophysiology	26 June 2008	Polymorphisms of genes participating in progression of renal insufficiency
Matia Ivan	MUDr.	Experimental Surgery	01 Oct 2008	Fresh arterial allograft in vascular surgery – impact on rejection in experiment
Michalská Dana	MUDr.	Human Physiology and Pathophysiology	24 Sep 2008	Quality of bone and ways it is influenced by pharmacotherapy
Opatrná Marie	MUDr. Mgr.	Medical Ethics	09 Jan 2008	Clinical pastoral care as part of overall patient care
Paleček Tomáš	MUDr.	Human Physiology and Pathophysiology	24 Sep 2008	Ultrasonographic assessment of changes in the cardiovascular system in Fabry disease sufferers
Paluch Zoltán	MUDr.	Gerontology	10 June 2008	Anti-aggregation therapy in elderly age
Pavlová Barbara	PhDr.	Psychology	02 Sep 2008	Eating Disorders: Epidemiology and Risk Factors
Podrazilová Lucie	MUDr.	Human Physiology and Pathophysiology	20 Nov 2008	Imaging of pathologic foci in the brain of patients with systemic lupus erythematosus
Pospíšilová Eva	MUDr.	Human Physiology and Pathophysiology	13 Mar 2008	Mechanisms of occurrence of pathologic painful conditions and role of vanilloid TRPV1 receptors
Příbylová Olga	MUDr.	Biochemistry and Pathobiochemistry	09 Sep 2008	Prognostic and predictive factors of breast carcinoma – diagnosis and effect
Sedláček Miloslav	Mgr.	Neurosciences	10 Mar 2008	Excitability of neurons, properties of natural NMDA receptors and their modulation by physical and chemical factors
Soukupová Jana	Mgr.	Biochemistry and Pathobiochemistry	08 Sep 2008	Role of the ATM gene in breast carcinoma
Steiner-Mrázová Lenka	Ing.	Molecular and Cellular Biology, Genetics and Virology	09 Sep 2008	Molecular Analysis in Cases of Inherited Disease
Šimová Šárka	Mgr.	Molecular and Cellular Biology, Genetics and Virology	30 Apr 2008	Regulation of TRAIL-Induced Apoptosis
Špatenková Věra	MUDr.	Biochemistry and Pathobiochemistry	06 Feb 2008	Disorders of effective osmolarity in acute brain lesion
Tomíček David	Mgr.	History of Medicine	25 June 2008	Faith, reason and experience in folk medicine of late medieval Bohemia
Tuka Vladimír	MUDr.	Human Physiology and Pathophysiology	15 May 2008	Feeding Artery of Vascular Accesses for Hemodialysis: Model of Arterial Adaption to High Blood Flow
Uřinová Jana	Ing.	Cell Biology and Pathology	11 Dec 2008	Is <i>Caenorhabditis elegans</i> a Suitable Model Organism for the Study of Human Lysosomal Enzymopathies? A Study of Fabry, Schindler, Pompe and Mucopolysaccharidosis IIC Diseases in <i>C. elegans</i> and Humans, Respectively
Veselá Kateřina	Ing.	Biochemistry and Pathobiochemistry	19 June 2008	The Study of Molecular and Biochemical Bases of Cytochrome C Oxidase Deficiency
Vondrušková Eva	Ing.	Biochemistry and Pathobiochemistry	10 Sep 2008	Development of the System for Functional Analysis of BRCA1 Mutations in Breast Cancer Cell Lines
Wichterle Dan	MUDr.	Human Physiology and Pathophysiology	17 Jan 2008	Physiological Mechanisms of Heart Rate Turbulence

Zámečník Libor	MUDr.	Experimental Surgery	30 Sep 2008	Interstitial cystitis – development of the syndrome of chronic pelvic pain, urodynamic and endoscopic findings related to morphology of urothelium of the bladder and the chosen therapy
Zelenka Jaroslav	Ing.	Biochemistry and Patho-biochemistry	10 Sep 2008	Enterohepatic Circulation of Bilirubin
Zlatohlávek Lukáš	MUDr.	Human Physiology and Pathophysiology	12 June 2008	Genetic aspects of hyperlipoproteinaemias related to accelerated atherogenesis

Number of students admitted and dissertation theses defended in the doctoral study programme at the First Faculty of Medicine in the past five years (2004–2008)

year	2004	2005	2006	2007	2008	2004–2008
admitted	190	138	149	185	174	836
defended	48	40	50	63	56	257





SCIENCE AND RESEARCH



SCIENCE AND RESEARCH, GRANT AGENDA

Science and research, together with educational activities, form the essential part of the mission of the First Faculty of Medicine. To enable more accurate comparison among our Faculty units as well as with other scientific research institutions, we evaluate the output of scientific activity strictly using objective and worldwide recognized criteria. In the sphere of basic and clinical research these mean the basic “bibliometric” parameters, including the number of publications in journals with impact factor and the response of the published items in citation, as recorded in the data base Web of Science, which is an indicator of usefulness of the results for scientific community. Like at other European scientific institutions, great attention is paid to the “third role” of universities – applied research and development. In this sphere, the criteria of success are patents and – above all – licences.

The criterion prescribed to evaluate the output of science and research (S&R) is the methodological guidelines by the Government Council for Science and Research. These have been used to assess the S&R output for years. For the past five years (between 2003 and 2007) all kinds of published results have been – using certain prearranged algorithms – converted to points to enable scoring and comparing the S&R output within and between particular fields of science. Basing on the data of the Register of Information on Output of Science and Research (“RIV”), the output scored includes, apart from publications in journals with Impact Factor (recorded in the Web of

Science data base), also those in reviewed journals (recorded in international data bases such as Scopus) as well as in monographs or particular chapters of these, and for some fields, such as humanities, in collections. And there are some other generally recognized results as well, such as patents, pilot plants, tested technologies, utility models, industrial designs, etc.

The output of scientific work is one of the basic criteria of evaluation of our staff. Correctness of this policy has been proved by the still growing success in the competition for funds for new research projects, as well as by the increasing efficiency of funds granted, which can be substantiated with the decrease of costs per an IF point gained. In the recent years, the funds gained for scientific activities have exceeded the sum total of subsidies allotted to us by the total number of students. The trend towards following the criteria connected with professional scientific progress of our staff enables to strengthen the prestige of the Professor and Associate Professor posts gained through the Appointment and habilitation procedures at our Faculty. All that is certainly positive reference for the Faculty in gaining postgraduate students, who can build up their curricula well, consequently finding a wider scope to assert their expertise – not only at a local level.

Another favourable factor is the high opinion on the quality of the projects completed, which is achieved in an overwhelming majority of cases. An excellent feature is the traditional co-operation



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



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

with the General Teaching Hospital, but also with a number of other research institutions, mainly those within the Academy of Science of the Czech Republic but also with still more institutions abroad.

The acknowledged S&R output of the First Faculty of Medicine of Charles University in Prague reached the score at 28,778 points, which represents about 26.7 per cent of the total S&R output of all medical faculties in the country. Also important in this respect is the standing of the General Teaching Hospital in Prague. Its score was 15,330 points, which represents about 32.4 per cent of the total S&R output of all teaching hospitals and research institutes. The total S&R output of the First Faculty of Medicine plus the General Teaching Hospital, as its affiliated hospital, between 2003 and 2007 reached 44,088 (in RIV points), which is 28.4 per cent of all medical (or biomedical) research output in the Czech Republic.

For enhancing the potential and conceptual development of scientific activity of our Faculty, implementation of the University project of the Albertov Campus and the project of Vestec Biotechnological Centre, in which Charles University is engaged together with the institutes of Academy of Sciences of the Czech Republic, will be of much importance.

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

Grant support of science and research

The list of grant projects run at the First Faculty of Medicine of Charles University and in the General Teaching Hospital in 2007 is displayed at the Faculty's website.

Research concepts implemented in 2007

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

Other institutions' research concepts with participation of the Faculty staff

- Invasive approaches to save or regenerate the myocardium – Prof. MUDr. Michael Aschermann, DrSc.
- Prevention, diagnosis and therapy of diabetes mellitus, metabolic and endocrine impairments of the organism – Prof. MUDr. Martin Haluzík, DrSc.
- Chronic diseases due to inappropriate reactivity of the immunity system, their pathogenesis, and possibilities of early diagnosis and treatment – Assoc. Prof. MUDr. Ivan Šterzl, CSc.
- Use of experimental and clinical models of metabolic processes, nutrition and pharmacology for development of knowledge, clinical practice and improvement of the quality of life – Prof. MUDr. Aleš Žák, DrSc.
- Pathophysiology of neuromental diseases and its clinical applications – Assoc. Prof. MUDr. Dana Marešová, CSc.

- Molecular bases of children's neoplastic conditions and therapeutic applications – Assoc. Prof. RNDr. Zuzana Zemanová, CSc.

Students' Scientific Conference

On 21st May 2008, our Faculty held the traditional Students' Scientific Conference, the ninth in line after 1989. In the conference, 77 students took part, of whom 4 were students from Moldova.

The jury to appraise the papers in the theoretical part of the undergraduate section (including Prof. Miloš Grim, Assoc. Prof. Zdeněk Susa, and Assoc. Prof. Viktor Kožich) awarded the first prize to Jan Škrha, Jr., for his paper "Influence of glycolysis metabolites on mitochondrial energy production". In the clinical part of this section, the jury (Assoc. Prof. Jarmila Procházková, Prof. Miloš Langmeier, and Prof. Richard Češka) decided to award the second prize to Iva Ullmanová for her paper "Incidence of aneuploid embryos related to maternal age".

The jury for non-medical fields (Dr. Dana Jurásková and Assoc. Prof. Petr Bartůněk) judged Jaroslav Pekar's paper "Assaults on rescue ambulance staff in the Czech Republic" as the best. The jury for

theoretical and pre-clinical fields of the postgraduate section (Prof. Jiří Kraml, Assoc. Prof. Drahomíra Křenová, and Prof. Rastislav Druga) awarded the first prize to Dr. Jarmila Podskočová for her paper "Snf2h regulates heterochromatin structure and global transcription", written in English. Juries for clinical fields, in turn (Jury 1 composed by Prof. Pavel Klener, Prof. Sixtus Hynie and Assoc. Prof. Pavel Maruna, and Jury 2 composed by Assoc. Prof. Jarmila Procházková, Prof. Miloš Langmeier, and Prof. Richard Češka), awarded first prizes to two postgraduate students – Dr. Lenka Bošanská for her paper "Production of cytoadhesive molecules in fatty tissue of obese individuals: comparison between subcutaneous and visceral fatty tissue" and Dr. Radek Jirman for his paper "Deformation of the skeleton and its 3D replacements".

The students' presentations took place in the lecture halls of the Institute of Nuclear Medicine, 4th Medical Department and Department of Ophthalmology, and in the session room of the Dean's Office. The award ceremony of Students' Scientific Conference then was held at the Academic Club of the First Faculty of Medicine on 5th June 2008 at 2 p.m.

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Vice-Dean for Scientific Activities*

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



A classroom at the Department of Rehabilitation Medicine of the First Faculty of Medicine and General Teaching Hospital

Survey of international projects solved at the Faculty in 2008

Name of project	Type of instrument
Congenital Disorders of Glycosylation: a European Network for the Advancement of Research, Diagnosis and Treatment of a Growing Group of Rare Disorders (EUROGLYCANET)	6 th Framework Programme
Translating Molecular Knowledge into Early Breast Cancer Management Building on the BIG Network for Improved Treatment Tailoring – TRANSBIG	6 th Framework Programme
Rational Treatment Strategies Combating Mitochondrial Oxidative Phosphorylation Disorders (EUMITOCOMBAT)	6 th Framework Programme
European Mantle Cell Lymphoma Network: Translational Determination of Molecular Prognostic Factors and Pharmacogenomics in a European Interdisciplinary Collaboration (MCL Network)	6 th Framework Programme
Measuring Health and Disability in Europe: Supporting Policy Development (MHADIE)	6 th Framework Programme
Closed Loop Insulin Infusion for Critically Ill Patients (CLINICIP)	6 th Framework Programme
Dynamic Interactive Chemical Biology and Biomedicine (DYNAMIC)	6 th Framework Programme
Improving Knowledge and Decision Support for Healthy Lifestyles (HEALTH PLUS)	6 th Framework Programme
Neutralizing Antibodies on Interferon beta in Multiple Sclerosis (NABIMS)	6 th Framework Programme
Towards the Development of an Effective Enzyme Replacement Therapy for Human Alpha-mannosidosis (HUEMAN)	6 th Framework Programme
Co-ordination Action on Indoor Air Quality and Health Effects (ENVIE)	6 th Framework Programme
Development of a European Measure of Best Practice for People with Long Term Mental Illness in Institutional Care (DEMOB)	6 th Framework Programme
Individually Tailored Stepped Care for Women with Eating Disorders (INTACT)	6 th Framework Programme
Older People's e-services at Home (OLDES)	6 th Framework Programme
European Network of Reference for Rare Pediatric Neurological Disease (NEUROPEAD)	7 th Framework Programme
Increasing the Participation of the Elderly in Clinical Trials (PREDICT)	7 th Framework Programme
Development of Public Health Indicators for Reporting Environmental Occupational Risks Related to Agriculture and Fishery (DIRERAF)	European Commission – Health & Consumer
Improving the Sexual and Reproductive Health of Persons Living with HIV in Europe (EUROSUPPORT)	European Commission – Health & Consumer
Cystathionine Beta-synthase Deficiency: a Conformational Disorder in the Transsulphuration Pathway of Homocysteine Metabolism	Wellcome Trust
Pilot Study of the Feasibility of Recruiting Kidney and Lung Cancer Cases, in Conjunction with the On-going Multicentre Case-control Study of Occupational Cancer Risk Factors in Central and Eastern Europe (IARC)	World Health Organization
Guidelines for the Prevention of Obesity at Work Place (GPOW)	PHEA
Information Network on Good Practice in Health Care for Migrants and Minorities in Europe (MIGHEALTHNET)	PHEA
Women in Europe against Lung Cancer and Smoking WELAS)	PHEA
European Register on Cushing's Syndrome (ERCUSYN)	PHEA
European Porphyria Network: Providing Better Healthcare for Patients and their Families (EPNET)	PHEA
Best Practice in Promoting Mental Health in Socially Marginalized People in Europe (PROMO)	PHEA
Implementation of European Drug Addiction Prevention Trial at a Population Level (EUDAP2)	PHEA
The CORRELATION Network – European Network for Health and Social Inclusion	PHEA
Norway Grants	EEA GRANTS

Basic parameters of scientific activity at the First Faculty of Medicine 2000–2008

Financial and personnel support							Publications and their impact						
	Grant funds allotted in thousands CKR	Number of grant projects incl. those submitted in GT Hospital and MH	Total manpower of the Faculty (converted to full-time positions)	Number of students in doctoral study programmes	Total number of publications	Total number of authors	specifically:						
							Monographs and textbooks in Czech or English	Original expert and scientific publications and reviews	Original expert and scientific publications and incl. reviews in journals with IF	Number of authors publishing in journals with IF	Total IF scores of the journals in which the publications occurred	Number of citations according to SCI	Number of authors quoted in SCI
2000	146,131	263 8	890.67 (+58.9)1/ (+80.5)2/	471	2,668	845	80	732	270	283	504.56	3,802	337
2001	177,743	298 8	840.23 (+51.4)1/ (+104.1)2/	541	3,268	969	106	964	287	356	769.61	4,720	411
2002	181,743	281 8	838.42 (+28.7)1/ (+112.9)2/	597	3,672	1028	166	918	299	403	704.28	5,852	498
2003	203,899	285 8	863.9 (+34.87)1/ (+116.29)2/	657	4,622	822	110	1022	345	449	855.8	7,123	420
2004	236,304	268 8	867.9 (+45.05)1/ (118.92)2/	780	3,945	781	213	992	293	461	756.1	9,710	647
2005	319,565	318 3	836.25 (+68.99)1/ (+197.47)2/	629	4,073	937	129	906	353	384	1,160.8	10,979	541
2006	360,174	319 3	840.34 (98.97)1/ (+220.92)2/	878	4,545	1453	156	977	415	555	1,294.6	13,950	678
2007	355,500	313 4	833.56 (91.06)1/ (+270.46)2/	912	4,520	1339	255	861	495	547	1,530.8	11,440	682
2008	323,074	291 4	865.08 (62.91)1/ (+281.69)2/	966									

1/ From grants

2/ From Research Concepts

2007 BIBLIOGRAPHY

For several years, the Annual Report of the First Faculty of Medicine of Charles University in Prague has presented surveys of the data collected about publishing activities of the Faculty staff members, as collected by the Institute of Scientific Information of the Faculty, and their statistical analysis concerning particular types of the documents. In 2007, the total of 4,520 items were published, falling into the categories under survey. The number of publishing authors from the First Faculty of Medicine was 1,339. The number of citations of their publications according to the Science Citation Index (SCI) and Social Science Citation Index (SSCI) of the Web of Knowledge™ data base was 11 440. The total number of citations is lower than it was in 2006. This is due to the practice of counting only those items where the address of the Faculty is included. The decision to include only these publications directly follows the Dean's order 28/2008, on the form of addresses of organizational units of the Faculty for the purpose of publication, and meets the prospective change in the institutional funding of scientific publications by the Council for Research and Development.

In 2007 the total number of 547 authors from the First Faculty of Medicine of Charles University published 495 original and synoptic articles in journals with impact factors (IF). This means an increase by approximately 10 per cent, compared to 2006. Much more important, however, is the increase in quality – the increase in numbers of published items and publishing authors in periodicals with high IF. (See the table and diagram "Development of publishing activity in journals with IF 2000 – 2007.")

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

Articles published in periodicals with high impact factors:

2 publications in a journal with IF = 52.589 (New England Journal of Medicine)

1 publication in a journal with IF = 26.372 (Science)

1 publication in a journal with IF = 25.556 (Nature Genetics)

1 publication in a journal with IF = 17.148 (Cell Metabolism)

2 publications in a journal with IF = 15.484 (Journal of Clinical Oncology)

1 publication in a journal with IF = 12.755 (Circulation)

1 publication in a journal with IF = 11.673 (Gastroenterology)

1 publication in a journal with IF = 10.169 (Lancet Neurology)

1 publication in a journal with IF = 9.721 (Circulation Research)

1 publication in a journal with IF = 8.813 (Annals of Neurology)

1 publication in a journal with IF = 7.924 (European Heart Journal)

1 publication in a journal with IF = 7.806 (Human Molecular Genetics)

4 publications in a journal with IF = 7.677 (Arthritis & Rheumatism)

1 publication in a journal with IF = 6.924 (Leukemia)

4 publications in a journal with IF = 6.411 (Annals of Rheumatic Diseases)

2 publications in a journal with IF = 6.273 (Human Mutation)

1 publication in a journal with IF = 6.068 (Journal of Immunology)

3 publications in a journal with IF = 6.014 (Neurology)

1 publication in a journal with IF = 5.779 (Annals of Medicine)

2 publications in a journal with IF = 5.634 (European Urology)

3 publications in a journal with IF = 5.581 (Journal of Biological Chemistry)

1 publication in a journal with IF = 5.579 (Drug Metabolism Reviews)

1 publication in a journal with IF = 5.516 (Haematologica)

2 publications in a journal with IF = 5.493 (Journal of Clinical Endocrinology & Metabolism)

1 publication in a journal with IF = 5.479 (Proteomics)

5 publications in a journal with IF = 5.406 (Carcinogenesis)

1 publication in a journal with IF = 5.337 (Molecular Endocrinology)

1 publication in a journal with IF = 5.332 (Journal of Virology)

1 publication in a journal with IF = 5.285 (American Journal of Epidemiology)

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1 publication in a journal with IF = 5.249 (Pain)

1 publication in a journal with IF = 5.193 (Endocrine-Related Cancer)

1 publication in a journal with IF = 5.060 (Journal of Clinical Psychiatry)

¹ Source of data: Central data base of publication activities of the staff of the Faculty, compiled by the Institute of Scientific Information of the Faculty.

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Subject classification: pharmacology. IF = 5.406 (2007)

Moore, Lee - Brennan, Paul - Karami, S. - Hung, Ryaian - Hsu, C. - Boffetta, Paolo - Toro, J. - Zaridze, D. - Janout, V. - Bencko, Vladimír - Navratilova, M. - Szeszenia-Dabrowska, N. - Mates, D. - Mukeria, A. - Holcátová, Ivana - Welch, R. - Chanock, S. - Rothman, N. - Chow, W. H.:

Glutathione S-transferase polymorphisms, cruciferous vegetable intake and cancer risk in the Central and Eastern European Kidney Cancer Study.

In: Carcinogenesis, Great Britain, 0143-3334, 2007, 28, 9, pp. 1960-1964.

Subject classification: hygiene - epidemiology. IF = 5.406 (2007)

Zhen, Yueying - Krausz, Kristopher W. - Chen, Chi - Idle, Jeffrey R. - Gonzalez, Frank J.:

Metabolomic and genetic analysis of biomarkers for peroxisome proliferator-activated receptor alpha expression and activation.

In: Molecular Endocrinology, USA, 0888-8809, 2007, 21, 9, pp. 2136-2151.

Subject classification: pharmacology. IF = 5.337 (2007)

Merimi, Makram - Klener, Pavel jr. - Szynal, Maud - Cleuter, Yvette - Kerkhofs, Pierre - Burny, Arsene - Martiat, Philippe - Van den Broeke, Anne:

Suppression of Viral Gene Expression in Bovine Leukemia Virus-Associated B-Cell Malignancy: Interplay of Epigenetic Modifications Leading to Chromatin with a Repressive Histone Code.

In: Journal of Virology, Great Britain, 0022-538X. 2007, 81, 11, pp. 5929-5939.

Subject classification: pathophysiology. IF = 5.332 (2007)

Hsu, C. C. - Chow, W. H. - Boffetta, P. - Moore, L. - Zaridze, D. - Moukeria, A. - Janout, V. - Kolarova, H. - Bencko, Vladimír - Navratilova, M. et al.:

Dietary risk factors for kidney cancer in Eastern and Central Europe.

In: American Journal of Epidemiology, USA, 0002-9262. 2007, 166, 1, pp. 62-70.

Subject classification: hygiene - epidemiology. IF = 5.285 (2007)

Cassidy, A. - Mannetje, A. - van Tongeren, M. - Field, J. K. - Zaridze, D. - Szeszenia-Dabrowska, N. - Rudnai, P. - Lissowska, J. - Fabianova, E. - Mates, D. - Bencko, Vladimír et al.:

Occupational exposure to crystalline silica and risk of lung cancer: a multicenter case-control study in Europe.

In: Epidemiology, USA, 1044-3983. 2007, 18, 1, pp. 36-43.

Subject classification: hygiene - epidemiology. IF = 5.283 (2007)

Soldato, M. - Liperoti, R. - Landi, F. - Finne-Soveri, H. - Carpenter, I. - Fialová, Daniela - Bernabei, Roberto - Onder, G.:

Non malignant daily pain and risk of disability among older adults in home care in Europe.

In: Pain, Netherlands, 0304-3959. 2007, 129, 3, pp. 304-310.

Subject classification: gerontology. IF = 5.249 (2007)

Pechlivanis, S. - Pardini, B. - Bermejo, J. L. - Wagner, K. - Naccarati, A. - Vodičková, L. - Novotný, Jan - Hemminki, K. - Vodička, P. - Försti, A.:

Insulin pathway related genes and risk of colorectal cancer: INSR promoter polymorphism shows a protective effect.

In: Endocrine-Related Cancer, Great Britain, 1351-0088. 2007, 14, 3, pp. 733-740.

Subject classification: oncology. IF = 5.193 (2007)

Kallert, Thomas W. - Priebe, Stefan - McCabe, Rosemarie - Kiejna, Andrzej - Rymaszewska, Joanna - Nawka, Petr - Očvár, Ladislav - Raboch, Jiří - Stárková-Kališová, Lucie - Koch, Rainer - Schützwohl, Matthias:

Are day hospitals effective for acutely ill psychiatric patients? A European multicenter randomized controlled trial.

In: Journal of Clinical Psychiatry, USA, 0160-6689. 2007, 68, 2, pp. 278-287.

Subject classification: psychiatry. IF = 5.060 (2007)

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

Journals with the highest IF where the Faculty staff published in 2007

Title	ISSN	Country	IF 2007
New England Journal of Medicine	0028-4793	USA	52.589
Science	0036-8075	USA	26.372
Nature Genetics	1061-4036	USA	25.556
Cell Metabolism	1550-4131	USA	17.148
Journal of Clinical Oncology	0732-183X	USA	15.484
Circulation	0009-7322	USA	12.755
Gastroenterology	0016-5085	USA	11.673
Lancet Neurology	1474-4422	Great Britain	10.169
Circulation Research	0009-7330	USA	9.721
Annals of Neurology	0364-5134	USA	8.813
European Heart Journal	0195-668X	Great Britain	7.924
Human Molecular Genetics	0964-6906	Great Britain	7.806
Arthritis & Rheumatism	0004-3591	USA	7.677
Leukemia	0887-6924	USA	6.924
Annals of Rheumatic Diseases	0003-4967	Great Britain	6.411
Human Mutation	1059-7794	USA	6.273
Journal of Immunology	0022-1767	USA	6.068
Neurology	0028-3878	USA	6.014
Annals of Medicine	0785-3890	Finland	5.779
European Urology	0302-2838	Switzerland	5.634
Journal of Biological Chemistry	0021-9258	USA	5.581
Drug Metabolism Reviews	0360-2532	USA	5.579
Haematologica	0390-6078	Italy	5.516
Journal of Clinical Endocrinology and Metabolism	0021-972X	USA	5.493
Proteomics	1615-9853	Germany	5.479
Carcinogenesis	0143-3334	Great Britain	5.406
Molecular Endocrinology	0888-8809	USA	5.337
Journal of Virology	0022-538X	Great Britain	5.332
American Journal of Epidemiology	0002-9262	USA	5.285
Epidemiology	1044-3983	USA	5.283
Pain	0304-3959	Netherlands	5.249
Endocrine-Related Cancer	1351-0088	Great Britain	5.193
Journal of Clinical Psychiatry	0160-6689	USA	5.060

Total publishing output of the First Faculty of Medicine in 2000–2007

Type of document	POINTS	2000	2001	2002	2003	2004	2005	2006	2007
primary specialist/scientific publications in journals with IF	7	228	268	297	324	271	328	389	457
primary specialist/scientific publications in journals without IF (indexed / non-indexed)	2/1.5	623	712	657	597	716	731	570	501
synoptic articles in scientific/professional journals with IF	10	62	15	7	21	22	25	26	38
synoptic articles in scientific/professional journals without IF (indexed / non-indexed)	3/2	374	235	266	311	276	275	407	360
translation of articles in scientific/professional journals, or of chapters in monographs to/from Czech language	0.25/0.5	9	39	26	55	45	12	29	31
case studies (in journals with IF / indexed / non-indexed)	3.5/1/0.75	42	31	39	44	47	51	51	53
primary articles in newspapers or popularizing scientific journals	0.2	102	85	60	101	114	1	60	85
other types of articles in scientific/professional journals	0.2	176	98	81	121	111	167	182	163
conference abstracts in scientific/professional journals with IF	2	151	271	319	298	309	359	441	483
biographic articles (anniversaries, obituaries) in scientific/professional journals	0.2	2	12	17	24	30	34	23	46
reports of conferences and professional association sessions in scientific/professional journals	0.2	22	26	29	26	33	34	41	38
letter to the editors in scientific/professional journals with IF	2		2	3	11	2	4	12	7
letter to the editors in scientific/professional journals without IF	0.5	11	5	6	9	8	74	7	1
publications in proceedings/collections, entries in Pharmindex, Repetitorium, Doporučené postupy in Czech/Slovak language	1	117	83	123	1,127	91	107	141	103
publications in proceedings/collections in other than Czech/Slovak language	2	80	60	68	71	61	57	49	43
chapters in monographs in Czech/Slovak language *) **)	0.5	177	206	213	184	296	424	324	277
chapters in monographs in other than Czech/Slovak language *) **)	1	22	28	24	21	38	15	23	19
monographs in Czech/Slovak language *) **)	5	60	64	55	61	52	61	55	54
monographs in other than Czech/Slovak language *) **)	10	3		1		2	6	3	1
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech/Slovak language *)	0.5/0.2	63	52	114	45	120	21	94	195
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech/Slovak language *)	1/0.4	3	1		4	39	2	4	5
patents and inventions	10	1	1	5	4	2	4	2	1
doctorate and professor degree dissertations and theses, MBA theses	2	3	18	11	23	12	10	11	21
scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document	2	5	24	89	41	30	9	68	72
any other abstracts, miscellaneous (all except for conference abstracts in scientific/professional journals with IF)	0.15-0.3	332	932	1,162	1,099	1,218	1,262	1,533	1,466
Total number of publications		2,668	3,268	3,672	4,622	3,945	4,073	4,545	4,520
Number of authors from the First Faculty of Medicine		845	969	1,028	822	781	937	1,453	1,339
Total IF of publications in the category primary/synoptic article with IF		504.6	769.6	704.3	902.6	756.1	1160.8246	1294.639	1530.818
Number of authors from the First Faculty of Medicine, publishing in journals with IF		283	356	403	449	461	384	555	547
Number of quotations in SCI		3,802	4,720	5,852	7,150	9,710	10,979	13,950	11,440*
Number of authors from the First Faculty of Medicine, quoted in SCI		337	411	498	420	647	541	678	682
Number of articles with IF fulltext		290	285	307	356	295	357	427	502

*) Chapters, monographs, textbooks, cyclopedias, reference books and translations are given the points for every commenced 5 standard ms pages printed (1 standard ms page = 30 characters per line x 60 lines per page = 1,800 characters incl. spaces)

indexation - in SCOPUS, Web of Science, Medline data bases

**) Mere fact of being the editor of first author is scored at 20 % of the total score of the publication, other authors will be given 80 % of the total score for the publication

indexed / non-indexed = journal included / not included in SCOPUS, Medline, ERIH data bases, but without an IF

Evaluation of scientific work by organization units

Institution	RIV total	BIB	SCI	IF	BIB+S- CI+IF	Standing before conversi- on	Full-time positions	All points converted per manpower	Standing by points converted per manpower
3 rd Department of Medicine	942.624	492.109	1,647	126.905	2,266.014	1.	42.10	53.825	4.
Department of Rheumatology	402.785	149.683	1314	57.753	1,521.436	2.	3.30	461.041	1.
Department of Neurology	380.539	184.675	727	113.252	1,024.927	3.	30.00	34.164	10.
Department of Psychiatry	437.970	375.718	420	60.774	856.532	4.	43.80	19.556	27.
Institute of Inherited Metabolic Disorders	499.927	101.598	628	91.369	820.967	5.	49.90	16.452	30.
Institute of Clinical Biochemistry & Lab. Medicine	228.813	119.250	537	48.176	704.126	6.	8.93	78.823	3.
Institute of Anatomy	435.145	149.592	423	45.228	617.820	7.	23.54	26.246	19.
Institute of Biology and Medical Genetics	231.023	67.206	500	50.284	617.490	8.	18.70	33.021	13.
Department of Paediatrics & Adolescent Medicine	247.811	85.383	486	37.395	608.278	9.	41.70	14.587	36.
Department of Gynaecology and Obstetrics	323.393	267.797	263	30.735	561.532	10.	21.45	26.179	20.
2 nd Department of Medicine	492.346	163.585	281	69.013	513.599	11.	19.80	25.939	22.
Institute of Medical Biochemistry	383.984	145.490	295	61.086	501.576	12.	22.75	22.047	24.
Institute of Pathological Physiology	391.786	134.593	241	100.950	476.544	13.	36.40	13.092	39.
1 st Department of Medicine	181.198	77.786	361	28.044	466.830	14.	16.25	28.728	17.
Department of Nephrology	166.899	71.638	306	29.048	406.686	15.	10.15	40.068	7.
Institute of Immunology and Microbiology	480.343	127.919	182	69.389	379.308	16.	26.90	14.101	38.
4 th Department of Medicine	194.903	173.102	167	18.650	358.719	17.	20.05	14.320	37.
Institute of Hygiene and Epidemiology	373.870	98.240	187	40.484	325.723	18.	8.90	36.598	8.
Department of Oncology	82.248	46.085	220	14.737	280.823	19.	6.30	44.575	6.
Institute of Physiology	126.789	116.304	131	12.88	260.112	20.	20.45	12.719	40.
Institute of Biochemistry & Experimental Oncology	137.071	50.641	170	37.840	258.481	21.	15.90	16.257	31.
Institute of Clinical & Experimental Haematology	119.710	31.757	199	21.812	252.569	22.	1.20	210.474	2.
Institute of Pharmacology	242.233	100.103	86	64.987	251.090	23.	7.55	33.257	12.
Department of Orthopaedics at Motol TH	180.466	59.481	176	8.605	244.087	24.	7.25	33.667	11.
Medical Department at Central Military Hospital	33.223	25.940	207	4.679	237.619	25.	5.30	44.834	5.
3 rd Dept. of Infectious & Tropical Diseases at TH Na Bulovce	178.220	76.404	120	27.089	223.493	26.	10.08	20.694	25.
Department of Urology	234.971	84.139	75	25.360	184.500	27.	6.30	29.286	15.
Department of Occupational Diseases	148.801	106.846	49	20.968	176.814	28.	5.00	35.363	9.
Department of Radiodiagnosics	60.864	57.412	93	4.638	155.051	29.	5.10	30.402	14.
Institute of Biophysics and Informatics	82.308	70.428	68	14.686	152.948	30.	16.80	9.104	50.
Institute of Cell Biology and Pathology	53.841	8.508	124	14.515	147.023	31.	13.90	10.577	46.
Department of Neurosurgery at Central Military Hospital	126.178	106.506	18	13.069	137.575	32.	4.75	28.963	16.
Institute of Pathology	64.143	35.387	63	12.551	110.937	33.	9.75	11.378	42.
Department of Geriatrics	44.397	45.321	63	2.249	110.570	34.	3.90	28.351	18.
Institute of Forensic Medicine and Toxicology	143.311	36.675	59	9.580	105.255	35.	6.70	15.710	33.
Institute of Sexology	82.112	75.167	29	0.598	104.765	36.	4.10	25.552	23.
Department of Dermatology and Venereology	84.636	45.854	48	5.890	99.663	37.	6.20	16.075	32.
Dept. of ENT and Head & Neck Surgery at Motol TH	64.798	40.281	55	3.943	99.225	38.	6.45	15.384	34.
3 rd Department of Surgery at Motol TH	67.758	19.753	61	14.091	94.844	39.	9.55	9.931	47.
Department of Ophthalmology	84.105	61.414	22	9.188	92.602	40.	5.40	17.149	29.
1 st Department of Surgery	129.110	63.304	23	4.280	91.007	41.	12.95	7.028	55.
Institute of Humanitarian Studies in Medicine	69.570	55.483	15	10.568	81.010	42.	8.60	9.420	48.
Institute of Dental Research	24.914	32.052	47	1.236	80.289	43.	4.10	19.583	26.
Department of Stomatology	63.007	46.027	25	7.657	78.684	44.	21.75	3.618	65.
Institute of Nuclear Medicine	45.319	40.064	27	7.678	74.742	45.	6.85	10.911	44.

Department of Pneumology at Thomayer TH	96.470	30.440	29	12.181	71.621	46.	2.75	26.044	21.
1 st Department of Tuberculosis and Respiratory Diseases	64.814	28.243	31		59.242	47.	3.30	17.952	28.
Institute of Social Medicine and Public Health	79.170	56.169		0.333	56.502	48.	7.90	7.152	53.
Department of Rehabilitation Medicine	37.371	46.312	6	3.790	56.102	49.	11.10	5.054	58.
Institute of Histology and Embryology	30.289	10.242	28	12.917	51.158	50.	12.80	3.997	62.
Institute of General Medicine	25.958	35.977	4	3.216	43.193	51.	2.95	14.642	35.
Institute for History of Medicine and Foreign Languages	34.128	36.127	6		42.127	52.	14.80	2.846	67.
Dept. of Gynaecology & Obstetrics at TH Na Bulovce	40.825	18.330	22	1.573	41.903	53.	3.80	11.027	43.
2 nd Department of Surgery	37.615	17.694	18		35.694	54.	3.90	9.152	49.
Institute of Sports Medicine	6.248	8.671	21	0.914	30.585	55.	3.60	8.496	51.
Department of Orthopaedics at TH Na Bulovce	23.667	10.116	18	1.770	29.885	56.	4.20	7.116	54.
Department of Plastic Surgery at TH Na Bulovce	36.877	21.718	4	1.226	26.943	57.	2.35	11.465	41.
Department of Phoniatics	33.904	24.033		1.940	25.933	58.	3.10	8.365	52.
Institute of Nursing Theory and Practice		24.450			24.450	59.	8.35	2.928	66.
Department of Anaesthesiology and Resuscitation	44.856	16.060	2	5.689	23.749	60.	5.10	4.657	61.
Dept. of Anaesthesiology and Resuscitation at Thomayer TH	33.130	14.954		5.751	20.705	61.	1.90	10.897	45.
Department of Surgery at TH Na Bulovce	17.704	14.750		0.789	15.539	62.	4.15	3.744	64.
Department of Paediatrics at Thomayer TH	4.487	2.000	11	0.835	13.835	63.	2.20	6.289	56.
Department of Surgery at Thomayer TH	18.784	10.203		1.414	11.617	64.	2.30	5.051	59.
Department of Radiodiagnostics at TH Na Bulovce	18.035	6.012	3	1.803	10.816	65.	2.15	5.030	60.
Department of Ophthalmology at Central Military Hospital	6.667	10.145			10.145	66.	2.00	5.072	57.
Institute of Radiation Oncology at TH Na Bulovce	6.800	6.065		0.440	6.505	67.	1.70	3.827	63.
Institute of Spa Medicine	183.333	3.667			3.667	68.	3.30	1.111	68.
Institute of Scientific Information		3.273			3.273	69.	5.50	0.595	70.
Institute of Medical Biomodels		2.000			2.000	70.	2.00	1.000	69.
Department of Computer Technology		1.973			1.973	71.	5.50	0.359	71.
Institute of Physical Education		0.000				72.	11.00		72.
Dean's Office		0.000				72.	9.25		72.
FIRST FACULTY OF MEDICINE - TOTAL	10,270.595	4,982.324	11,440	1,510.720	17,933.044		825.47		

Notes:

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

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

number of full-time positions – based on the Personnel Dept. data by 31 Dec 2007

**DEVELOPMENT OF PUBLISHING ACTIVITY IN JOURNALS WITH IF
NUMBER OF PUBLICATIONS – IF TOTAL 2000 – 2007**

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

	Number of publications with IF	Sum total of IF values of journals with the respective publications
2000	290	504.6
2001	283	769.6
2002	304	704.3
2003	345	902.6
2004	293	756.1
2005	353	1,160.8
2006	415	1,294.6
2007	495	1,530.8

Table 1

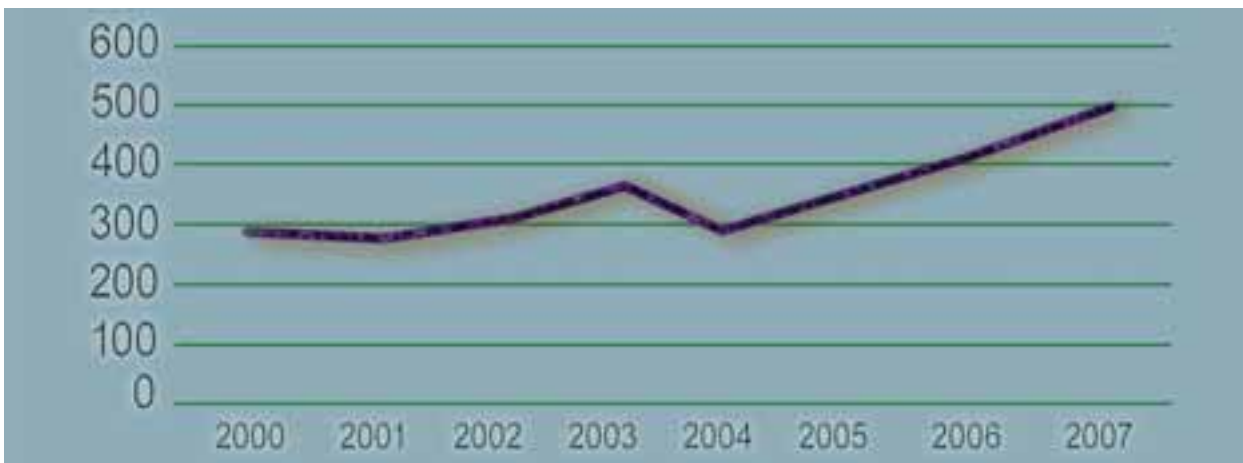
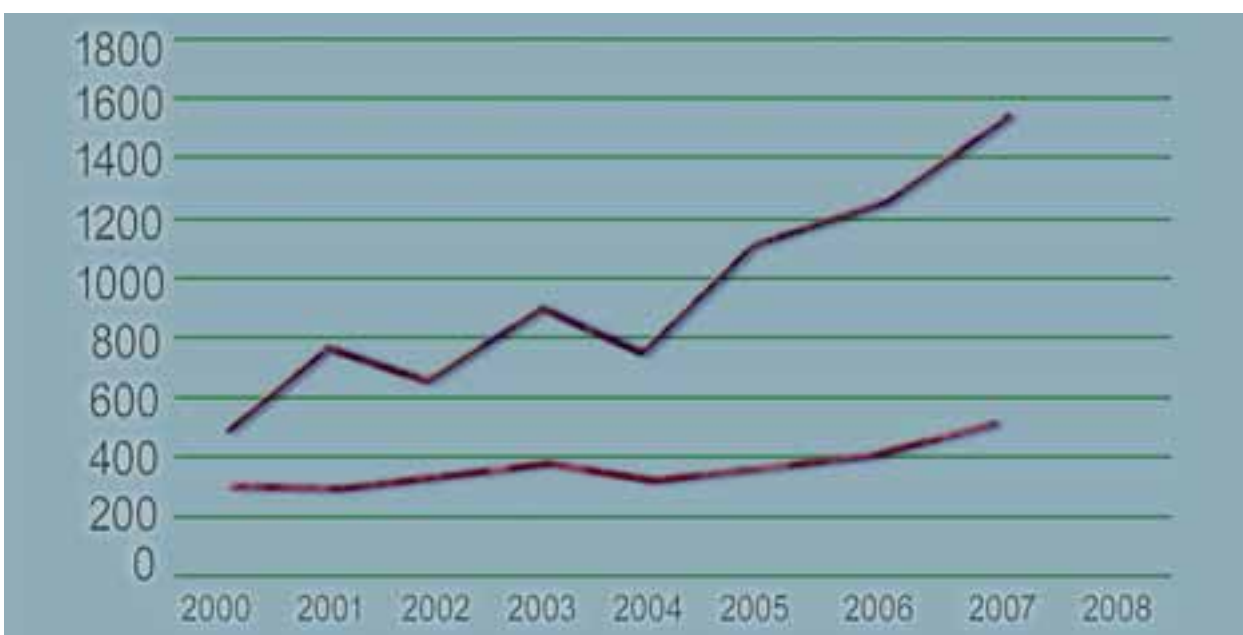


Table 2



— Total of IF values of journals with the respective publications
— Number of publications with IF

Number of publications in journals with IF 2000–2007

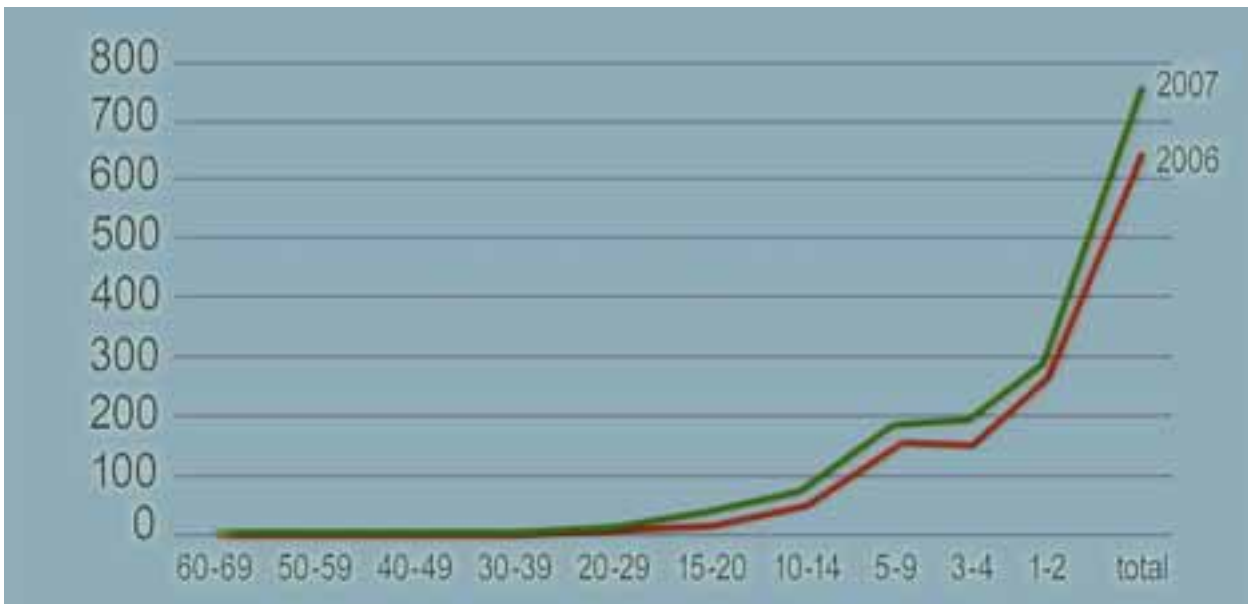
IF Interval	2000			2001			2002			2003		
	original	synoptic	total	original	synoptic	total	original	synoptic	total	original	synoptic	total
50.000–52.589	0	0	0	0	0	0	0	0	0	0	0	0
30.000–39.999	0	0	0	0	0	0	0	0	0	2	0	2
20.000–29.000	1	0	1	2	0	2	1	0	1	1	0	1
15.000–19.999	0	0	0	2	0	2	1	0	1	0	1	1
10.000–14.999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

HIRSCH INDEX

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

Hirsch index of authors from the First Faculty of Medicine 2006–2007

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



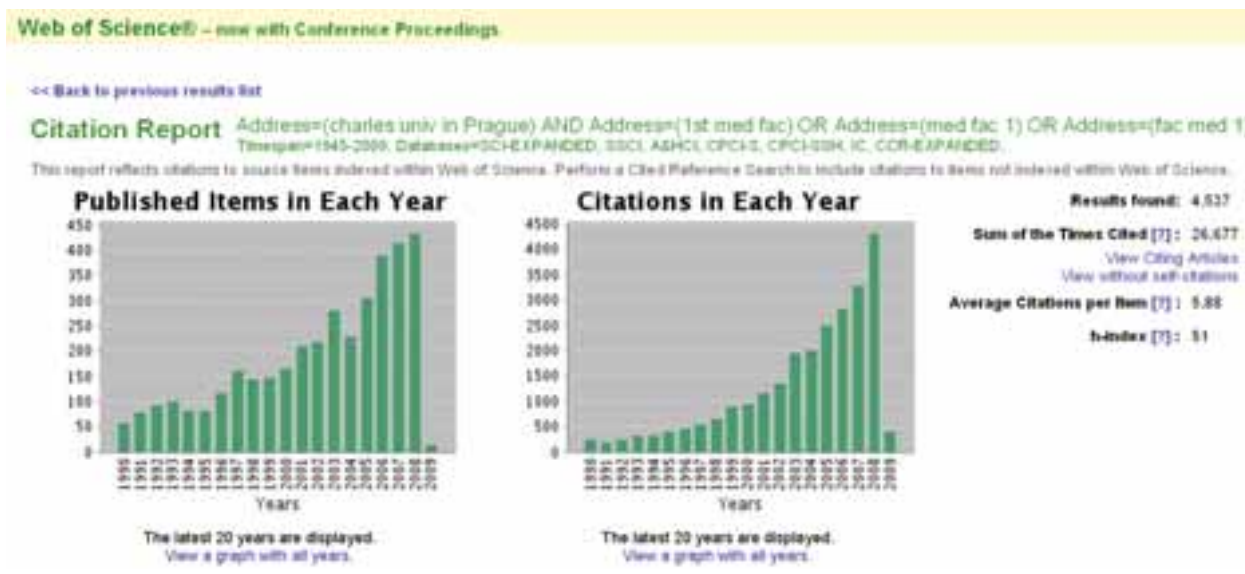
H-index – authors from First Faculty of Medicine (by 31 December 2008)

Code	Surname, first name(s)	H-index			
351	Městecký, Jiří	60	130	Štípek, Stanislav	12
190	Idle, J.R.	52	160	Bílá, Vlasta	12
180	Prchal, J.T.	40	190	Farghali, Hassan	12
650	Martásek, Pavel	37	410	Šmíd, František	12
160	Pravenec, Michal	29	110	Dvořánková, Barbora	11
160	Křen, Vladimír	28	110	Petrovický, Pavel	11
351	Říhová, Blanka	25	130	Crkovská, Jiřina	11
351	Tlaskalová-Hogenová, Helena	25	150	Mourek, Jindřich	11
400	Houšťek, Josef	24	150	Trojan, Stanislav	11
401	Raška, Ivan	23	170	Poučková, Pavla	11
110	Halata, Zdeněk	22	180	Kornalík, František	11
641	Štěpán, Jan J.	22	180	Stopka, Tomáš	11
130	Hynie, Sixtus	21	191	Čermák, Jaroslav	11
400	Elleder, Milan	21	310	Povýšil, Ctibor	11
130	Krejčí, Ivan	18	351	Prokešová, Ludmila	11
530	Haluzík, Martin	18	400	Filipec, Martin	11
641	Pavelka, Karel	18	400	Hřebíček, Martin	11
110	Smetana, Karel	17	400	Kmoch, Stanislav	11
520	Horký, Karel	17	400	Ledvinová, Jana	11
180	Nečas, Emanuel	16	520	Linhart, Aleš	11
400	Kožich, Viktor	16	530	Hradec, Jaromír	11
530	Škrha, Jan V.	16	790	Cibula, David	11
110	Grim, Miloš	15	140	Borovanský, Jan	10
160	Křenová, Drahomíra	15	150	Langmeier, Miloš	10
180	Živný, Jan H.	15	190	Lincová, Dagmar	10
200	Bencko, Vladimír	15	400	Kostrouch, Zdeněk	10
511	Tesař, Vladimír	15	410	Kalousová, Marta	10
530	Pacovský, Vladimír	15	410	Zemanová, Zuzana	10
530	Schreiber, Vratislav	15	510	Neuwirtová, Radana	10
600	Nevšímalová, Soňa	15	510	Zemanová, Zuzana	10
641	Vilím, Vladimír	15	530	Češka, Richard	10
850	Nohýnková, Eva	15	530	Hilgertová, Jiřina	10
130	Hlíňák, Zdeněk	14	530	Kršek, Michal	10
130	Kraml, Jiří	14	600	Jech, Robert	10
130	Křepela, Evžen	14	630	Petruželka, Luboš	10
401	Bednár, Ján	14	650	Hansíková, Hana	10
410	Michalová, Kyra	14	650	Klement, Petr	10
410	Zima, Tomáš	14	760	Bártová, Jiřina	10
530	Marek, Josef	14	110	Plzánková, Zuzana	9
610	Zvolský, Petr	14	130	Navrátil, Tomáš	9
650	Zeman, Jiří	14	130	Pláteník, Jan	9
850	Kolářová, Libuše	14	140	Šedo, Aleksi	9
110	Druga, Rastislav	13	150	Pokorný, Jaroslav	9
110	Sedmera, David	13	180	Vokurka, Martin	9
160	Otová, Berta	13	190	Perlík, František	9
351	Stejskalová, Věra	13	351	Holada, Karel	9
520	Aschermann, Michael	13	351	Julák, Jaroslav	9
610	Raboch, Jiří	13	351	Šterzl, Ivan	9
641	Vencovský, Jiří	13	400	Befekadu, Asfaw	9
861	Frič, Přemysl	13	401	Cmarko, Dušan	9
			510	Kvasnička, Jan	9

530	Broulík, Petr D.	9
530	Hána, Václav	9
530	Widimský, Jiří	9
600	Havrdová, Eva	9
600	Růžička, Evžen	9
600	Šonka, Karel	9
610	Papežová, Hana	9
641	Gatterová, Jindřiška	9
710	Pinskerová, Věra	9
790	Kobilková, Jitka	9
790	Živný, Jaroslav	9
110	Plzák, Jan	8
130	Strunecká, Anna	8
150	Marešová, Dana	8
160	Kohoutová, Milada	8
160	Šeda, Ondřej	8
160	Šedová, Lucie	8
170	Vítek, František	8

180	Krijt, Jan	8
180	Petrák, Jiří	8
330	Fuksová, Květoslava	8
351	Mělková, Zora	8
351	Souček, Andrej	8
351	Šírová, Milada	8
360	Balíková, Marie	8
510	Klener, Pavel	8
530	Prázný, Martin	8
540	Tvrzická, Eva	8
410+540	Vítek, Libor	8
641	Dostál, Ctibor	8
641	Šedová, Liliana	8
730	Betka, Jan	8
760	Bradna, Jan	8
790	Fanta, Michael	8
861	Mareček, Zdeněk	8

H-index of the First Faculty of Medicine of Charles University in Prague H-index = 51 (by 31st Dec 2008)



Source of data: Web of Knowledge™ Thomson Reuters

THE INSTITUTE OF SCIENTIFIC INFORMATION



REPORT ON ACTIVITIES OF THE INSTITUTE OF SCIENTIFIC INFORMATION

In 2008 the Institute of Scientific Information of the First Faculty of Medicine worked in a provisional arrangement due to reconstruction of the building at 32 Kateřinská. As the second stage of the reconstruction began in September 2008, we were able to move part of the library services of the Institute back from the rear wing of the building at 3 Na Bojišti to Kateřinská, so the users of services of the Institute can use the traditional entrance to the building again and therefore have an easier access to both “off” and – improvised – “in” services of the library.

The basic activities of the Institute, aimed at promotion of education and scientific research, were performed even under those difficult conditions. By the end of 2008, the services of the Institute were employed by about 5,800 users – not only students and teachers of the Faculty but also the staff of the General Teaching Hospital who are provided the same services by the Institute as employees of the Faculty are. Other users of the Institute – and above all library – services come from the wider professional as well as lay public.

The automated ALEPH 500 software, introduced in late 2007, has meant advantage to the library staff but also – above all – to the library users. In the past year the online services under this system have become a common part of communication between the users and the staff of the loan protocol of the Institute.

Co-operation in the sphere of providing study literature is developing very fast between the Library of the Institute and particular units of the Faculty or teachers/supervisors of particular study fields. The lists of literature on particular subjects taught at the Faculty, found in the SIS and on the websites of the institutions, make a base for purpose-aimed and effective building of the library collection. Students therefore can obtain relevant and topically recommended literature. It is a long-standing effort of the Institute – greatly supported by the Faculty management – to secure the basic literature in the possible maximum of copies.

Also electronic information resources are still more gaining popularity. This reflects in both quantity and quality of access under survey. In 2008 the new EZproxy server for remote access was implemented by the Institute of Computer Technology of Charles University. It has facilitated the access for all users from Charles University, wherever they may be. Also in the sphere of collection there has been a considerable gain in electronic resources – e.g. access to New England journal of Medicine, British Medical Journal (purchased by the Central library of Charles University) as well as e-books of Wiley publishing house or access to

BMJ Learning data base (purchased by the Institute of Scientific Information of the First Faculty of Medicine).

Our Section of Biographic Information introduced new KOBIS software to collect data on publication activities of the staff members of the First Faculty of Medicine and General Teaching Hospital in 2008. As a replacement of electronic forms which were in use after 2000, it facilitates the authors' annotation as well as general data processing for the Register of Information on Results. It reflects the users' criticism from the past years as well. Naturally, introduction of such sophisticated software with many intrinsic connections brings about some problems too. But the Section of Biographic Information offers a standing individualized consultation service, organizes training classes, visits to workplaces etc. Traditionally frequented are seminars on topical problems of the Register of Information on Results. Technical problems are solved promptly and users' suggestions are continuously incorporated in the system.

In 2008 the Institute worked on two Dean's Orders. First of them, Order # 10/2008, of publication of diploma theses and further access thereto, is a legal prerequisite for the status of theses by undergraduate as well as postgraduate students at the Library of the Institute and their storage in the University's central electronic depository of theses.

Dean's Order # 28/2008, of the form of addresses of organizational units of the First Faculty of Medicine for the purpose of scientific and professional publication is an important part of the transfer to allotting the finance according to the Register of Information on Results scores. Upon all authors from the Faculty it imposes the duty to include the said address in all publication items. Data like the response in citation etc. has already been collected in accordance with this regulation in 2008.

The academic staff of the Institute continuously participates in education of undergraduate students of the Faculty. Programmes of tuition of information literacy were updated in 2008 to correspond with modern knowledge in the field of scientific and professional information.

When dealing with the activities of the Institute, we must not forget about sad events either. On 7th September, Dr. František Choc, the emeritus Head of the Institute, left the ranks of librarians and information specialists forever. Thanks to his wide scope of knowledge he had always been very helpful for the staff of the Institute in considering important professional decisions and stayed in contact with it until the last days of his life.

Basic data of the library

Acquisition of the library collection in 2008	3,595
Total library collection	256,299
Number of titles of periodicals taken	196
– electronic titles *	45,628
Total opening hours per week	45.5
Number of units loaned out	171,004
Number of users of ISI	5,824
Number of users' seats in the resource room	12
Number of volumes freely accessible	0

* Electronic periodicals activated by subscription, exchange or donation (consortial titles excluded)

Structure of financial resources

	2008	2007	2006	2005
Faculty budget	774,654	687,696	1,037,611	890,506
Special subsidies	1,506,460	2,285,088	2,759,515	2,761,971
Sponsoring & donations	188,321	32,994	130,331	119,821
Other resources	601,002	607,346	2,829	6,886
Total	3,070,437	3,613,124	3,930,286	3,779,184

Number of inter-library and international loans executed

	2008	2007	2006	2005
Inter-library – lent	586	634	528	758
Inter-library – borrowed	1,171	858	1,074	1,298
International – borrowed	220	225	218	102
Total	1,977	1,717	1,820	2,158

Number of photocopies provisioned

2008	2007	2006	2005
62,544	119,879	115,000	162,000



39th annual international exhibition of medical literature Mega Books International at the First Faculty of Medicine

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

ACADEMIA MEDICA PRAGENSIS

SEIFERTO VÁ, Dagmar et al. (ed.). *Postupy v léčbě psychických poruch*. [Procedures in treatment of mental disorders.] 2nd rev. ed. Praha: Academia Medica Pragensis v nakladatelství Medical Tribune, 2008. 616 pp. ISBN 978-80-87135-10-5

AKADEMICKÉ NAKLADATELSTVÍ CERM

MALINA, Jaroslav; ZVĚŘINA, Jaroslav. *Erotikon sochaře Zdeňka Macháčka*. [Sculptor Zdeněk Macháček's Eroticon.] Brno: Akademické nakladatelství CERM, 2008. 123 pp. ISBN 978-80-7204-592-1

BIRKHÄUSER

GRUNWALD, Martin (ed.). *Human Haptic Perception – Basic and Applications*. Berlin: Birkhäuser, 2008. 676 pp. ISBN 978-3-7643-7611-6

CENTRUM PRO STUDIUM DEMOKRACIE A KULTURY [Centre for Study of Democracy and Culture]

VYBÍRAL, Jan (ed.). *Pastorální a etické výzvy v oblasti manželství, rodiny a sexuality*. [Pastoral and ethic challenges in the sphere of marriage, family and sexuality.] Brno: Centrum pro studium demokracie a kultury, 2008. 155 pp. ISBN 978-80-7325-176-5

ČESKÁ SPOLEČNOST KARDIOLOGICKÁ [Czech Cardiology Society]

HRADEC, Jaromír; BERKA, Lubomír; TÁBORSKÝ, Miloš. *Doporučení pro posuzování způsobilosti kardiologicky nemocných k řízení motorových vozidel*. [Recommendations for assessment of heart disease sufferers' capacity to drive.] Brno: Česká společnost kardiologická: Medica Healthworth, 2008. 12 pp. ISBN 978-80-904002-3-8

ČESKÝ EGYPTOLOGICKÝ ÚSTAV [Czech Institute of Egyptology]

KREJČÍ, Jaromír; VERNER, Miroslav; CALLANDER, Vivienne Gae; STROUHAL, Eugen et al. *Abusir XII. Minor tombs in the Royal Necropolis I (The Mastabas of Nebtyemneferes and Nakhtsare, Pyramid Complex Lepsius no. 24 and Tomb Complex Lepsius no. 25)*. Praha: Český egyptologický ústav, 2008. 214 pp. ISBN 978-80-7308-181-2

EGYPT EXPLORATION SOCIETY

STROUHAL, Eugen. *The Memphite Tomb of Horemheb, Commander-in-chief of Tutankhamun*. London: Egypt Exploration Society, 2008. 39 pp. Vol. IV – Human skeletal Remains. ISBN 978-0-85698-188-3

ELSEVIER

KASS, Jon H.; GARDNER, Esther (eds.). *The Senses: A Comprehensive Reference*. Amsterdam: Elsevier, 2008. 641 pp. Somatosensation. Vol.6. ISBN 978-0-12-639482-5

FILOZOFICKÁ FAKULTA PREŠOVSKÉJ UNIVERZITY [Faculty of Arts and Philosophy, University of Prešov]

NEMČEKOVÁ, Mária; PAYNE, Jan; BALOGOVÁ, Beáta et al. *Etika v ošetrovatelstve*. [Ethics in nursing.] Prešov: Filozofická fakulta Prešovskej univerzity, 2008. 141 pp. Acta facultatis universitatis Prešoviensis. Vysokoškolská učebnica 29. ISBN 978-80-8068-812-7

GALÉN

ELIŠKA, Oldřich; SPÁČIL, Jiří; ŠTVRTINOVÁ, Viera (eds.). *Angiologie 2008*. [Angiology 2008.] Praha: Galén, 2008. 130 pp. ISBN 978-80-7262-544-4

HALUZÍK, Martin (ed.). *Trendy soudobé diabetologie*. [Trends of contemporary diabetology.] Praha: Galén, 2008. Vol. 12. 253 pp. ISBN 978-80-7262-549-9

HANUŠ, Tomáš; NOVÁK, Květoslav et al. *Nemoci močovoodu*. [Diseases of the ureter.] Praha: Galén, 2008. 170 pp. ISBN 978-80-7262-584-0

HLAVÁČKOVÁ, Ludmila (ed.). *120. ples mediců. Z historie pražských lékařských plesů*. [120th Medics' Prom Ball. From the history of Medics' Balls in Prague.] Praha: Galén, 2008. 120 pp. ISBN 978-80-7262-526-0

HOUDEK, Lubomír (ed.). *Duchovní, umělecký a státnický odkaz Karla IV. – setkání zakládajících fakult Univerzity Karlovy: Filozofická fakulta, 1. lékařská fakulta, Právnická fakulta a Katolická teologická fakulta : 8. dubna 2008*. [Spiritual, artistic and statesman's legacy of Charles IV – meeting of the founding faculties of Charles University: Faculty of Arts and Philosophy, First Faculty of Medicine, Faculty of Law, and Roman Catholic Theological Faculty. 8th April 2008.] Praha: Galén, 2008. 92 pp. ISBN 978-80-7262-583-3

KOLÁŘ, Michal. *Infekce u kriticky nemocných*. [Infection in the critically ill.] Praha: Galén, 2008. 379 pp. ISBN 978-80-7262-488-1

LACHMANOVÁ, Jana. *Vše o hemodialýze pro sestry*. [All about haemodialysis for nurses.] Praha: Galén, 2008. 130 pp. ISBN 978-80-7262-552-9

MOLEKULÁRNÍ MEDICÍNA A BIOTECHNOLOGIE: soubor přednášek. [Molecular medicine and biotechnology: a course of lectures.] Praha: Galén, 2008. 188 pp. ISBN 978-80-7262-535-2

PACOVSKÝ, Vladimír; SUCHARDA, Petr. *Jazykozpyt medicíny: Kniha o medicínské terminologii nejen pro zdravotníky*. [Linguistics in medicine: A book of medical terminology not only for health professionals.] Praha: Galén, 2008. 131 pp. ISBN 978-80-7262-514-7

PAŘÍZEK, Antonín. *Kniha o těhotenství a dítěti: český průvodce těhotenstvím, porodem, šestineděním až do dvou let věku dítěte*. [Book of pregnancy and infant: Czech guidebook to pregnancy, childbirth, puerperium, up to two years of age of the child.] 3rd ed. Praha: Galén, 2008. 685 pp. ISBN 978-80-7262-594-9

PERLÍK, František. *Základy klinické farmakologie*. [Basic clinical pharmacology.] Praha: Galén, 2008. 192 pp. ISBN 978-80-7262-528-4

RABOCH, Jiří; PAVLOVSKÝ, Pavel et al. *Klinická psychiatrie v denní praxi*. [Clinical psychiatry in everyday practice.] Praha: Galén, 2008. 158 pp. ISBN 978-80-7262-586-4

- RABOCH, Jiří et al. *Quo vadis psychiatria?* [Whither goest thou, psychiatry?] Praha: Galén, 2008. 243 pp. ISBN 978-80-7262-567-3
- ROB, Lukáš; MARTAN, Alois; CITTERBART, Karel et al. *Gynekologie.* [Gynaecology.] 2nd amm. & rev. ed. Praha: Galén, 2008. 319 pp. ISBN 978-80-7262-501-7
- ROZSÍVAL, Pavel (ed.). *Trendy soudobé oftalmologie.* [Trends of contemporary ophthalmology.] Praha: Galén, 2008. Vol. 5. 281 pp. ISBN 978-80-7262-534-5
- SKOŘEPOVÁ, Magdalena. *Dermatomykologie v obrazech. Dermatomykology in Pictures.* Praha: Galén, 2008. 95 pp. ISBN 978-80-7262-465-2
- STEJSKALOVÁ, Jitka et al. *Konzervační zubní lékařství.* [Conservative dentistry.] 2nd ed. Praha: Galén 2008. 235 pp. ISBN 978-80-7262-540-6
- VALENTA, Jiří. *Jedovatí hadi: intoxikace, terapie.* [Venomous snakes: poisoning, therapy.] Praha: Galén, 2008. 401 pp. ISBN 978-80-7262-473-7
- VOKURKA, Martin. *Rozpady.* [Disintegrations.] Praha: Galén, 2008. 181 pp. ISBN 978-80-7262-537-6
- GALÉN - KAROLINUM**
- NOVÁK, Ivan et al. *Intenzivní péče v pediatrii.* [Paediatric intensive care.] Praha: Galén – Karolinum, 2008. 579 pp. ISBN 978-80-7262-215-3, ISBN 978-80-246-1474-8
- PAFKO, Pavel et al. *Základy speciální chirurgie.* [Basics of special surgery] Praha: Galén – Karolinum, 2008. 385 pp. ISBN 978-80-7262-402-7, ISBN 978-80-246-1451-9
- ŠTORK, Jiří et al. *Dermatovenerologie.* [Dermatovenereology.] Praha: Galén – Karolinum, 2008. 502 pp. ISBN 978-80-7262-371-6, ISBN 978-80-246-1360-4
- GRADA**
- ABRAHÁMOVÁ, Jitka; POVÝŠIL, Ctibor; DUŠEK, Ladislav et al. *Nádory varlat.* [Tumours of testes.] Praha: Grada, 2008. 307 s.. ISBN 978-80-247-2349-5
- CIBULA, David et al. *Abdominální hysterektomie v anatomických souvislostech.* [Abdominal hysterectomy in respect of anatomy.] Praha: Grada, 2008. DVD. ISBN 859-4049-24-200-9
- DOSTÁLOVÁ, Tatjana; SEYDLOVÁ, Michaela et al. *Stomatologie.* [Stomatology.] Praha: Grada, 2008. 193 pp. ISBN 978-80-247-2700-4
- FIFKOVÁ, Hanka; WEISS, Petr; PROCHÁZKA, Ivo et al. *Transsexualita a jiné poruchy pohlavní identity.* [Transsexuality and other disorders of sex identity.] Praha: Grada, 2008. 202 pp. ISBN 978-80-247-1696-1
- JABOR, Antonín et al. *Vnitřní prostředí.* [Internal environment.] Praha: Grada, 2008. 530 s., CD-ROM: Encyklopedie laboratorní medicíny pro klinickou praxi – speciál 2008. ISBN 378-80-247-1221-5
- KALINA, Kamil. *Terapeutická komunita.* [Therapeutic community.] Praha: Grada, 2008. 394 pp. ISBN 978-80-247-2449-2
- KALINA, Kamil et al. *Základy klinické adiktologie.* [Basic clinical adictology.] Praha: Grada, 2008. 388 pp. ISBN 978-80-247-1411-0
- KALVACH, Zdeněk ; ZADÁK, Zdeněk; JIRÁK, Roman et al. *Geriatrické syndromy a geriatrický pacient.* [Geriatric syndromes and the geriatric patient.] Praha: Grada, 2008. 336 pp. ISBN 978-80-247-2490-4
- KLEVETOVÁ, Dana; DLABALOVÁ, Irena. *Motivační proky při práci se seniory.* [Motivating aspects in dealing with the elderly.] Praha: Grada, 2008. 202 pp. ISBN 978-80-247-2169-9
- KOLÁŘ, Petr et al. *Věkem podmíněná makulární degenerace.* [Age-related macular degeneration.] Praha: Grada, 2008. 148 s., CD-ROM. ISBN 978-80-247-2065-2
- KRCH, František David. *Bulimie: jak bojovat s přejídáním.* [Bulimia: how to fight overeating.] 3rd amm. & rev. ed. Praha: Grada, 2008. 195 pp. ISBN 978-80-247-2130-9
- MĚŠŤÁK, Jan. *Nos očima plastického chirurga.* [The nose as seen by a plastic surgeon.] Praha: Grada, 2008. 125 pp. ISBN 978-80-247-2766-0
- MIOVSKÝ, Michal et al. *Konopí a konopné drogy.* [Hemp and hemp drugs.] Praha: Grada, 2008. 533 pp. ISBN 978-80-247-2349-5
- NAVRÁTIL, Leoš et al. *Vnitřní lékařství pro nelékařské obory.* [Internal medicine for non-medical branches.] Praha: Grada, 2008. 421 pp. ISBN 978-80-247-2319-8
- ROZTOČIL, Aleš et al. *Moderní porodnictví.* [Modern obstetrics.] Praha: Grada, 2008. 405 pp. ISBN 978-80-247-1941-2
- ŘEŽÁBEK, Karel. *Léčba neplodnosti.* [Treatment of infertility.] 4th ed. Praha: Grada, 2008. 171 pp. ISBN 978-80-247-2103-3
- SEIDL, Zdeněk. *Neurologie pro nelékařské zdravotnické obory.* [Neurology for non-medical branches.] Praha: Grada, 2008. 168 pp. ISBN 978-80-247-2733-2
- SVAČINA, Štěpán; BRETŠNAJDROVÁ, Alena. *Jak na obezitu a její komplikace ?* [How to tackle obesity and its complications?] Praha: Grada, 2008. 144 pp. ISBN 978-80-247-2395-2
- SVAČINA, Štěpán (ed.). *Klinická dietologie.* [Clinical dietology] Praha: Grada, 2008. 381 pp. ISBN 978-80-247-2256-6
- ŠVÁB, Jan et al. *Chirurgie vyššího věku.* [Surgery of the elderly age.] Praha: Grada, 2008. 208 pp. ISBN 978-80-247-2604-5
- VÍTEK, Libor. *Jak ovlivnit nadváhu a obezitu.* [How to influence overweight and obesity.] Praha: Grada, 2008. 160 pp. ISBN 978-80-247-2247-4
- HUMANA PRESS**
- McMAHON, Robert J. (ed.). *Avidin-Biotin Interactions. Methods and Applications.* Totowa: Humana Press, 2008. 232 pp. ISBN 978-1-58829-583-5
- TARSY, Daniel (ed.). *Deep Brain Stimulation in Neurological and Psychiatric Disorders.* Totowa: Humana Press, 2008. 601 pp. ISBN 978-1-5882-9952-9

INFORMA HEALTHCARE

CORCOS, Jacques; SCHICK, Eric (ed.). *Textbook of the neurogenic bladder*. 2.ed. London: Informa Healthcare, 2008. 962 pp. ISBN 978-0-415-42316-8

ISAJE

BABOR, Thomas; STENIUS, Kerstin; O'REILLY, Jeab (ed.). *Publishing Addiction Science: A Guide for the Perplexed*. 2. ed. London: ISAJE, 2008. 236 pp. ISBN 978-0-906522-97-4

KABINET PRO KLASICKÁ STUDIA**[Cabinet for Classical Studies]**

SALIGIOVÁ, Zuzana; ŠEDINOVÁ, Hana; KITZLER, Petr et al. *Pulchritudo et sapientia. Ad honorem Pavel Spunar*. [To beauty and wisdom. Homage to Pavel Spunar.] Praha: Kabinet pro klasická studia, 2008. 401 pp. ISBN 978-80-254-1863-5

KAROLINUM

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INTERNATIONAL RELATIONS



INTERNATIONAL RELATIONS

Like in the past years, international co-operation moved forwards in terms of quantity as well as quality in 2008. The numbers of exchange programmes and once-only events with international participation increased, and so did the number of bilateral exchanges based on the framework of contractual connection of Charles University or the First Faculty of Medicine itself. The key role, however, is still played by international contacts of particular institutes or departments and their representatives. Among our partners are many universities and scientific institutions abroad, not only in Europe but also overseas. More and more intensively, co-operation with Asian partners develops. First contacts are now made with some South American and African countries.

In education and science, co-operation takes the form of bilateral activities in both undergraduate and postgraduate training. The proportion of lectures by foreign professors increases at the First Faculty of Medicine, and the scope of the ERASMUS programme was more utilized in teacher exchange as well. A large number of presenters from abroad participated in conferences and workshops organized by particular institutions as well as professional medical societies in co-operation with the First Faculty of Medicine. The number of travels of our teachers to universities abroad increased, now also in the role of lecturers and invited experts at particular questions (in which the Faculty has high reputation worldwide) rather than mere trainees.

International student exchange and stays abroad

Among the medical faculties of Charles University, the First Faculty of Medicine offers the students the widest range of international stays and fellowships. For the academic year 2007–2008, as many as 76 bilateral contracts with partners abroad were concluded or prolonged, and in particular the number of contracts involving the students of dentistry increased – new contracts being made with the universities in Granada, Aachen and Perugia. With the University of Perugia, another bilateral contract was concluded for students of bachelor degree programme of Medical Technology.

A key position is still occupied by the ERASMUS programme, which now, since 2008, has become part of the innovated European strategy for educational activities, called Lifelong Learning Programme and also comprising programmes like Comenius, Grundtvig, Leonardo da Vinci or Jean Monet.

Under the ERASMUS programme, altogether 164 our students travelled abroad. Within the new ERASMUS activity called “practical placement” first two students travelled, and in future we can expect an increased interest from students who had been on an ERASMUS placement and will want to travel again, this time to experience a placement in hospital. Under the teacher mobility scheme of this programme eight academic staff members travelled abroad, while four came in.

In co-operation with the Austrian *Lions Club Wien*, directed by Prof. Herbert Ehringer, nine students of the First Faculty of Medicine travelled to Austrian hospitals to take a summer placement; this co-operation has existed since 2004



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and the Austrian party has sponsored the accommodation costs for some selected students.

Five foreign students took individualized placements at the First Faculty of Medicine and one student of the Faculty left for an individualized placement as “*free movers*”. This form of student exchange has been encountering the law problem of recognition of the student status beyond European exchange programmes. The Faculty has therefore prepared projects of contracts which may enable these students to take – at least to some extent – stays for the sphere of theoretical training.

A considerable activity enhancing the development of international contacts and stays of our students are the placements organized by IFMSA. For one-month placements at the units of the Faculty, 54 students were admitted, while 52 students travelled abroad. They travelled not only to European countries, such as Estonia, Rumania, Russia, Greece, Portugal, Finland, Sweden, Spain, Serbia, Italy, Hungary and the Netherlands, but also overseas – to Mexico, Brazil, Egypt, Tunisia, Ghana, Thailand, Taiwan, Indonesia, Jamaica and Lebanon.

The information on bilateral connections made, scope of placements and exchange programmes is through the regularly updated web pages of the Faculty.

Scientific and research co-operation

Scientific projects are implemented by the First Faculty of Medicine in co-operation with a great number of institutions worldwide. Our institutes are more and more involved in grant projects financed from abroad, including European Union projects.

International co-operation brought quite a number of publications with a high impact factor which are result of international multi-centre collaboration. In the past year again the number of prominent representatives of the First Faculty of Medicine grew in international professional and scientific organizations, directing committees of international projects, editorial boards and consulting boards.

The Faculty’s aim is to achieve an even higher quality in international relations and to promote its reputation abroad. Gradual transformation of the Faculty into the form of an open and modern base of scientific research in biology and medicine follows the same objective. The number of concluded contracts of co-operation has reached very high figures in the past years; now the main priority of the First Faculty of Medicine is to fill this co-operation with real content matter and top quality.

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ERASMUS programme at the First Faculty of Medicine

Academic year	number of contracts	outcoming	incoming
1999–2000	3	5	
2000–2001	4	20	
2001–2002	9	34	2
2002–2003	20	59	4
2003–2004	28	76	36
2004–2005	46	99	46
2005–2006	57	104	67
2006–2007	58	121	65
2007–2008	73	118	69
2008–2009	81	125	94

Survey of Partner and Co-operator Universities and Their Institutions
(source – annual reports of the Faculty departments and institutes)

School	Country
Alexandra Hospital for Children, Sydney	Australia
University of Sydney, Faculty of Medicine	Australia
Herzchirurgie Landesklinikum, St. Pölten	Austria
Landesklinikum Thermenregion Moedling, Moedling	Austria
Medical University Graz	Austria
Medical University Linz	Austria
Medical University Vienna	Austria
University of Vienna	Austria
University Hospital Innsbruck	Austria
Jules Bordet Institut, Brussels	Belgium
St. Pierre Para-University Hospital	Belgium
University Hospital, Leuven	Belgium
University of Antwerpen, Antwerp University Hospital	Belgium
University of Sao Paulo	Brazil
Université de Montreal	Canada
University of Manitoba, Winnipeg	Canada
University of Toronto	Canada
University Hospital, Copenhagen	Denmark
University of Copenhagen	Denmark
Aarhus University, Aarhus	Denmark
Hôpital Européen Georges Pompidou, Paris	France
Clinique St. Germain, Brive la Gaillarde	France
Hôpital Cochin Paris	France
Hôpital de la Croix-Rousse Université de Lyon	France
Hôpital La Muette, Paris, Hôpital Sévres, Faculté de Médecine et Pharmacie L'Université de Lyon	France
Hôpital Lariboissière, Paris	France
Hôpital Necker Paris	France
Hôpital Tenon Paris	France
Institut Gustave Roussy, Villejuif	France
Université Paris VI Pierre et Marie Curie, Paris	France
University of Grenoble	France
Charité – Campus Virchow, Humboldt University Berlin	Germany
Johanes Gutenberg University, Mainz	Germany
Max Planck Institut für Molekulare Genetik, Berlin	Germany
Teaching Hospital University of Rostock, Helios-Clinics Schwerin, Schwerin	Germany
Universita J. W. Goetha, Frankfurt am Main	Germany
Universita Marburg	Germany
University of Würzburg	Germany
University of Heidelberg, Heidelberg	Germany
University of Münster, Münster	Germany
University of Tübingen, Tübingen	Germany
University of Jena	Germany
University of Munich	Germany
Faculty of Dentistry, University of Cardiff	Great Britain
Heart Hospital London	Great Britain

Charing Cross Hospital London	Great Britain
Imperial College of Medicine, University of London	Great Britain
John Innes Centre, Norwich	Great Britain
King's College Hospital, London	Great Britain
Royal Marsden Hospital London	Great Britain
School of Clinical Sciences and Community Health, The University of Edinburgh	Great Britain
St. Georges Hospital Medicine Scholl Univ. London	Great Britain
The Royal London Hospital	Great Britain
University College London	Great Britain
University of Cambridge	Great Britain
University of Edinburgh, Edinburgh	Great Britain
University of Newcastle upon Tyne	Great Britain
University of Nottingham, Nottingham	Great Britain
University of Oxford	Great Britain
University of Southampton	Great Britain
Western General Hospital, Edinburgh	Great Britain
Isztván Korhász Hospital, Budapest	Hungary
St. Stephen Hospital Pötöffy Útca, Budapest	Hungary
National Maternity Hospital, Dublin, Rotunde Hospital, Dublin	Ireland
Hebrew University of Jerusalem, Jerusalem	Israel
Hebrew University, Hadassah School of Dental Medicine, Jerusalem	Israel
Medical Center Holon	Israel
Catholic University St. Cross, Rome	Italy
Instituto Europeo di Oncologia, Milan	Italy
Prima Clinica, L'Mangialli Hospital University of Milan	Italy
University La Sapienza	Italy
University of Verona	Italy
University of Torino	Italy
Hokkaido University, Sapporo	Japan
Tokyo University of Techn. & Agr., Graduate School of Bio-Applications and Systems Engineering, Tokyo	Japan
Catholic University Nijmegen	Netherlands
Centre Medical Amsterdam	Netherlands
University Hospital Rotterdam	Nizozemí
University of Rotterdam	Nizozemí
Silesian Centre of Heart Diseases, Zabrze	Poland
Medical Faculty of Comenius University, Bratislava	Slovakia
Medical Faculty of J. P. Šafárik University, Košice	Slovakia
National Oncologic Institute Bratislava, Gyn. & Obstetr. Clinic Martin (perinatology)	Slovakia
Biological Research Centre (CIB), C.S.I.C., Madrid	Spain
University of Cadiz, Cadiz	Spain
Biomedical Center, Lund University	Sweden
Karolinska Institutet, Stockholm	Sweden
Karolinska Hematology Hospital, Karolinska Hematology Center, Stockholm	Sweden
University of Lund – Malmö, University of Göteborg	Sweden
Basler Kinderspital	Switzerland
Friedrich Miescher Institut, Basel	Switzerland

University of Berne, Bern	Switzerland	The Hastings Center, New York	USA
University Bern, Zürich	Switzerland	The Rockefeller University, New York	USA
Ternopil State Medical University	Ukraine	University Hospital, Pittsburgh	USA
Albany Medical College, Ordway Research Institute, Albany	USA	University Hospital, Rochester, MN	USA
Albert Einstein College of Medicine, NY	USA	University of Arizona	USA
Case Western Reserve University, School of Medicine, Cleveland	USA	University of California, Berkeley, CA	USA
Center for Biologics Evaluation and Research, Food and Drug Administration, Bethesda, Maryland	USA	University of California, San Diego, CA	USA
Center for Cancer Research, National Institute of Health, Bethesda	USA	University of Colorado, Denver	USA
Cold Spring Harbor Laboratory, Cold Spring Harbor	USA	University of Chicago, IL	USA
Columbia University	USA	University of Iowa	USA
Fogarty International Center	USA	University of Pennsylvania School of Medicine, Philadelphia	USA
Mayo Clinic, Rochester, MN	USA	University of Texas, Dallas	USA
National Institute of Health	USA	University of Utah, Salt Lake City	USA
National Cancer Institute, Bethesda	USA	University of Utah, Utah	USA
NYU Cancer Institute, NY	USA	University of Washington, Seattle, WA	USA
State University of New York at Buffalo, Buffalo, NY	USA	Baylor College of Medicine Houston	USA
Texas Heart Institute, Houston, TX	USA	Harvard University	USA
		Wadsworth Center	USA
		West Virginia University	USA
		Wisconsin University, Madison	USA



The convention on University hospitals – present, risks, visions, organized by the Faculty and its Academic Senate at The Coris' Hall of the First Faculty of Medicine on 21st May 2008. The assembly was attended by the representatives of Charles University, both chambers of the Parliament of the Czech Republic, the two relevant ministries, other medical faculties, teaching hospitals and the mass media



On 20th May 2008, students of medical and pharmaceutical faculties organized a meeting of protest at Alberto, followed by a march to the Ministry of Health of the Czech Republic. This was to make the public aware of possible impacts of the proposed transformation of teaching hospitals to “university hospitals”

OUTWARD RELATIONS



OUTWARD RELATIONS

In 2008, the management of the First Faculty of Medicine again paid much attention to the sphere of outward relations, considering the vital necessity of constant improvement in public relations and promoting the Faculty's reputation in public.

2008 was a year that was rich in events of professional as well as social nature. It was an important year for Charles University, which celebrated its 660th anniversary. Our First Faculty of Medicine is one of the four faculties that had existed throughout the history of the University. The 660th anniversary of the date the University was founded was also a unique occasion to enhance the awareness of professional and social prestige of the First Faculty of Medicine in the public both at home and abroad. Our aim was, above all, to keep and strengthen the Faculty's reputation in wide public through information about the activities of its academic community and clinical institutions but also through organization of social events that are natural part of its life.

Also the year 2008 was started with a big social event at the Žofín Palace, the 120th Medic Prom Ball. On this occasion the Faculty issued a memorial publication on the history of medic prom balls in Prague. In 2008 the Faculty also commemorated the 100th anniversary of the death of Josef Hlávka, the architect of the Province Maternity Hospital, prominent sponsor and supporter of sciences and arts, with a memorial session and concert held in the Holy Rood Chapel at the Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General Teaching Hospital. In honour of their founder, the successors of the first four faculties, established by Charles IV as the foundation of the University – the Faculty of Philosophy and Arts, Catholic Theological Faculty, Faculty of Law and First Faculty of Medicine – together with the Medics' Humanitarian Club organized a solemn lecturing afternoon to commemorate the spiritual, artistic and statesman's legacy of Charles IV, which took place in the Holy Rood Chapel at the Department of Gynaecology and Obstetrics. A collection of lectures that were presented on the occasion by representatives of the founding faculties was published as a separate memorial print.

We also celebrated the anniversary of the University and Faculty with a highly successful exhibition called *Historic medical instruments and devices* which was held at the New Town City Hall and seen by more than 4,000 visitors from all over the country.

In the media the representatives of the Faculty commented on important issues of medical education but also health care in general, with the aim for positive understanding of the steps that are inevitable to achieve a higher quality in the said two spheres. There was also an endeavour to promote the interest of medical studies in young generation through popularization of the innovative aspects in theoretical and clinical training of medicine. In close co-operation with the management of the General Teaching Hospital we held 16 press conferences, new publications by authors from the Faculty were introduced and meetings with interesting prominent personalities took place around the "Chair for Faust" at the Academic Club of the First Faculty of Medicine in Faust House. The co-operation with the press section of the Rector's Office of Charles University was intensified and deepened, and so was that with the district authorities of Prague 2 and its New Town Hall. All these factors lead to considerably higher quality, simpler and more detailed early information about the Faculty's activities provided to the media.

The management of the First Faculty of Medicine, in close co-operation with the General Teaching Hospital, continued to organize regular meetings with journalists provisionally called "Breakfast with journalists", mainly at the Academic Club of the First Faculty of Medicine in Faust House, which proved useful. Thereby the Faculty has established excellent collaboration with journalists, particularly those dealing with problems of medical education and health services. The results of the activities of the First Faculty of Medicine in the spheres of education, science and research, as well as those of the General Teaching Hospital, were presented in the media in a long-term aspect and at a good level. In 2008, as many as 19 press conferences were organized with our prominent specialists, concerning most various hot topics. The number of journalists present was really high at all the conferences. Those that met special interest were the press conferences on the topics such as Novelty of sleep medicine, Oncologic treatment for the 21st century, Treatment of tobacco addiction most effective at the levels of all health facilities and Thirty days for prevention and treatment of cerebrovascular incidents, and on occasions of World Brain Day, World Kidney Day, opening of the unique Experimental Laboratory of Heart Electrophysiology (a joint institution of the Hospital Na Homolce and the First Faculty of Medicine), European Brain Day, introduction of the educative project Police assistance to woman in critical childbirth, introduction of the project HEM – Closing the gap (DG SANCO European project of removal of inequity in access to health care in European Union: profile of the country – the Czech Republic), the 3rd Pan-European workshop on aneurysms of the abdominal aorta, closing of the 14th World Congress of Psychiatry, launching of the Czech version of Lab-test on-line handbook of laboratory tests, the 50th anniversary of the Czech Society of Clinical Biochemistry of the Czech J. E. Purkinje Medical Association, the campaign 20 days of MDS (Myelodysplastic syndrome, or How to get rid of iron), Discovery on a new mitochondrial disorder due to disturbance in biogenesis of ATP-synthase and explanation of its molecular nature.

Throughout the year the Faculty organized many more events which were reflected in the media and immediately responded to recent happenings in education and health care. Considering the situation and concern of the Faculty teachers and students about the future prospects of teaching hospitals, the management and the Academic Senate of the First Faculty of Medicine decided to organize a meeting on the issue of university hospitals *The university hospital: Present, risks, visions*. This meeting of the academic community was attended by top representatives of the ministry of Health of the Czech Republic – Minister Tomáš Julínek and his First Deputy Marek Šnajdr, and the Ministry of Education, Youth and Sports – Deputy Minister for higher education Prof. Vlastimil Růžička, as well as the Mayor of the capital city of Prague Dr. Pavel Bém and His Magnificence the Rector of Charles University in Prague Prof. Václav Hampl, representatives of the Senate and House of Deputies, but also representatives of other medical schools and teaching hospitals, professional associations and interest groups. This meeting, and some more meetings organized by students, clearly expressed the discontent with transformation of teaching hospitals to joint stock companies as well as the request for equal representation of universities or medical faculties in the hospitals. At Albertov in Prague, students organized a meeting of protest as the climactic event of the campaign week "NO university hospitals without universities".

In a solemn atmosphere, at the presence of the Rector of Charles University Prof. Václav Hampl and other important personalities – such as Ms Eva Bartoňová, the First Deputy to the Minister of Education; Mr Marek Šnajdr, the First Deputy to the Minister of Health; Prof. Václav Pačes, the President of the Academy of Sciences of the Czech Republic; and representatives of the City and District authorities, journalists and other guests – the result of the first stage of reconstruction of the Dean's Office building, which also houses the Institute of Medical Biochemistry, Department of Stomatology (with the refurbished lecture hall, newly equipped clinical part, etc.) and other workplaces was presented. This is one of the most important reconstructions at the Faculty for a few past decades. Part of the special ceremony on 15th October 2008 was presentation of the statue of Hygeia by Olbram Zoubek, the master sculptor, which is placed in the vestibule of the building. The author unveiled the statue in a special ceremony, together with Professor Václav Hampl, the Rector of Charles University in Prague.

Among the events held in the Academic Club of the First Faculty of Medicine, the Chair for Faust won most interest – a series of meetings presenting some prominent personalities from the Faculty and beyond. In 2008 the following were seated in the chair for Faust: Prof. Karel Smetana, Dr. Jan Bříza, Prof. Ctibor Povýšil, Prof. Václav Havlíček, Prof. Jana Dušková, Prof. Vladimír Bencko, Prof. Jan Pfeiffer, Prof. Richard Češka, Assoc. Prof. Milada Kohoutová, Prof. Richard Hindls, Prof. Přemysl Poňka, Prof. Jiří Městecký, and Assoc. Prof. Petr Svobodný. In 2008 the Faculty, in co-operation with Mr Jaroslav Hořejší and Galén s.r.o. publishing house, issued already the 7th volume with a selection of these interviews, which were 13 in number in the year; the book is available in our bookshops now. This latest volume of *Chair for Faust* was presented at the Christmas meeting of the Faculty management with the Heads of the institutes and departments of the Faculty, held in the beautiful rooms of the ancient Town Hall of the New Town.

At a time, the publication *Spiritual, statesman's and artistic legacy of Charles IV*, dedicated to the 660th anniversary of Charles University, was formally introduced to the academic community. Continuously, new publications by the authors from the First Faculty of Medicine were introduced as well at the Academic Club. Those that appeared in 2008 include the following: *Klinická dietologie* [Clinical dietology] by Štěpán Svačina et al., *Jedovatí hadi: intoxikace, terapie* [Venomous snakes: poisoning, therapy] by Jiří Valenta, *Jazykozpyt medicíny: Knížka o medicínském terminologii nejen pro zdravotníky* [Linguistics in medicine: A book of medical terminology not only for health professionals] by Václav Pacovský and Petr Sucharda, *Dermatovenerologie* [Dermatovenereology] by Jiří Štork, *Dermatomykologie v obrazech* [Dermatomycology in Pictures] by Magdalena Skořepová, *Mezinárodní klasifikace funkčních schopností disability a zdraví: MKF* [International classification of functional abilities, disability and health: MCF] translated by Olga Švestková and Jan Pfeiffer, *Rozpady* [Disintegrations] by Martin Vokurka, *Doa světy Karla Meistersa* [Karel Meister's two worlds] by Karel Meister and Jan Svačina, *S posestním medicíny v labyrintu světa* [In the maze of the world with the message of medicine] by Jaroslav Blahoš, *Základy klinické adiktologie* [Basic clinical addictology] by Kamil Kalina, *Konopí a konopné drogy* [Hemp and hemp drugs] by Michal Miovský, and *Nemoci močovodu* [Diseases of the ureter] by Tomáš Hanuš.

The First Faculty of Medicine in co-operation with the Humanitarian Club of Medics continued organizing concerts of the cycle called *The faculty in the heart of Karlov* for the academic community of all university level schools in Prague. This cycle started in 2005 and it has become tradition to give these concerts in churches at Albertov and Karlov. In 2008 the Easter concert was in the church of Assumption and St. Charles the Great, and the autumn concert in the church of St. Apollinarius, where the oratorio "Eliah" by Felix Mendelssohn-Bartholdy was performed. Both concerts, which met a great interest again, and not only within



Concerts organized by the First Faculty of Medicine and the Humanitarian Club of Medics met a great interest among visitors. In 2008, one of them took place in the church of Assumption and St. Charles the Great at Karlov in Prague

the academic community but also in wide public, were kindly sponsored by Zentiva a. s. company.

In the form of lectures the Faculty took part in the Week of Science, organized by the Academy of Sciences of the Czech Republic, and at the Academic Club in Faust House we hosted an "academic café", whose topic was *Even a tumour needs a cradle*.

The Academic Club won the attention of both professional and lay public, and – last but not least – that of the media very quickly with its activities, such as press conferences, chat meetings, seminars, social assemblies, exhibitions, concerts, first aid classes, etc. In the past academic year it also hosted some events by the Czech Medical Academy and Anti-cancer League, which signed an agreement of organization of Flower Days and, above all, press conferences and professional seminars, and joint events with the Czech J. E. Purkinje Medical Association, Czech Medical Chamber and Czech Dental Chamber. Inseparable from the life of the Club were – and still are – regular concerts given by the Dixieland Band of the First Faculty of Medicine, led by Professor Jiří Tichý, and the events organized by the Jonáš Club, ATOS (Association of Tourette Syndrome Sufferers), and others. The management of the Faculty wants the club to be frequented, above all, by students and other members of the academic community of the Faculty. In this respect the club was successful, as there has been an increasing interest from the students, the Union of Czech Medical Students, IFMSA and those who organize the first aid classes for public. During the thirteen years of its activity the Academic Club of the First Faculty of Medicine has become a worthy cultural centre not only for the academic community of the Faculty but also for the public, and the time spent in the club is certainly a pleasant relief in the monotony of the everyday life.

In the rooms of the Academic Club in Faust House, the Faculty organized a number of exhibitions in 2008 – in particular, several

photographic exhibitions, such as that on occasion of the 55th anniversary of the Institute of Physical Education, profile exhibitions of photographs by J. Bultas, J. Hořejší and others, the Photo-Marathon organized by the Institute of Haematology and Blood Transfusion, or the exhibition of pictures by Robert Parthen.

As the last Children's Day in the garden of the Department of Psychiatry was a great success, the First Faculty of Medicine together with the General Teaching Hospital organized the event again in 2008. Other active partners were the Union of Czech Medical Students, first-aiders, Faculty of Education of Charles University, Faculty of Theatrical Arts, District Police of Prague 2, Fire Rescue Brigade of Prague, and district authorities of Prague 2. A great number of other social assemblies took place in Faust House and the City Hall of New Town. The Faculty, in turn, became an active partner at many events organized by the district authorities.

Special attention was paid and special support given to the activities of the Union of Czech Medical Students and IFMSA, and to the events within the Socrates/Erasmus programme. The Faculty presented itself very well at both domestic and international events such as the Open Days of Charles University and the First Faculty of Medicine, higher education trade fair *Gaudeamus*, and the international medical trade fair *Pragomedica 2008*.

The Faculty was also presented through printed documents and goodwill gifts. We issued information materials about the Faculty in Czech and English versions plus other publications – annual reports, internal regulations of the Faculty, book of proceedings of the Student Scientific Conference, a special pictorial calendar of the Faculty for 2009, memorial prints for the alumni and a large number of other prints, publicity materials in both Czech and English, and various goodwill gifts.

MEDICAL INFORMATION CENTRE FOR EUROPEAN PROJECTS

Medical Information Centre for European projects (MICEP) is a common project by Charles University, the First Faculty of Medicine and Ministry of Education, Youth and Sports of the Czech Republic. It involves setting up a new specialized contact point for the sphere of health care, with national competency, focused on participation in EU projects. One of the main stimuli that led to the establishment of this information centre was the low percentage of medical development and research projects within the EU framework programmes, which for our science mean not only a chance to gain finance but above all new possibilities of co-operation between the member countries. The main responsibility of MICEP is to provide information about the possibilities of funding for science, research and development projects from the EU sources, to arrange contacts and to assist in preparation and management of the projects.

During the four years of its active existence, MICEP obtained quite a number of contacts among not only Czech but also foreign institutions. Also the number of consultations pertaining to the basic role of MICEP keeps increasing. One of the important events of 2008 was the active participation at the PRAGOMEDICA 2008 exhibition, where the MICEP stand worthily represented not only MICEP itself but also the First Faculty of Medicine of Charles University. Further, MICEP made presentations at a considerable

number of conferences and seminars, putting emphasis on the importance of Czech participation in European projects, including the ways to a successful submission of a European project.

The most important MICEP event was the Information Day, held under the auspices of Prof. Tomáš Zima, the dean of the First Faculty of Medicine, on 15th September 2008. The topic of the seminar was "Formal and legal aspects of the projects under the 7th European Framework scheme". Apart from the MICEP staff, also representatives of CZELO and DG Research EC from Brussels made some presentations.

The top event in the activity of MICEP was the really successful procedure of external examination of the project, concerning all the period of its existence. Further, the MICEP project won the competition declared by the Ministry of Education, Youth and Sports, which will enable to continue the activities aimed to promote participation of Czech subjects in European programmes for at least another four years. Further information about the MICEP activities in 2006, new chances for scientists and researchers, and other topical questions can be found at <http://www.micep.cuni.cz/>.

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

JOURNALS AT THE FIRST FACULTY OF MEDICINE

In 2008 the Faculty was the editor of the bimonthly *Folia Biologica*, the quarterly *Prague Medical Report* and the occasional publication *Acta Universitatis Carolinae – Medica*.

FOLIA BIOLOGICA

Editor in chief: Prof. MUDr. Tomáš Zima, DrSc., MBA
 Executive editors: Prof. MUDr. Jan Bubeník, DrSc. (Institute of Molecular Genetics of Academy of Sciences of the Czech Republic); MUDr. Zdeněk Kostrouch; Prof. MUDr. Karel Smetana, DrSc.
 Language editor: PhDr. Šárka Takáčová (Institute of Molecular Genetics of Academy of Sciences of the Czech Republic)

The strategy of open access to the articles from the PubMed data base and possibility to submit manuscripts for publication in the electronic form have proved very useful and led to the increase of texts submitted from 88 in 2007 to 99 in 2008 and to the growth of the impact factor from 0.387 to 0.597. Of the said number, 47 texts were rejected as unsuitable for publication. The journal was "revitalized" and restored its reputation in the scientific community home and abroad, as more than one half of the texts come from foreign authors. Another proof of the importance of the journal for the Central European region is the interest from publishers abroad to take over the edition of the periodical. Some problems, however, have continued, particularly the varying quality of the texts submitted, some of which are at a really low level. Another big problem is the very low return of expert reviews, which makes the time needed to prepare the publication longer. Further, we failed to gain advertisers and thereby to reduce the costs of the edition.

PRAGUE MEDICAL REPORT

Editor in chief: Prof. MUDr. Miloš Langmeier, DrSc.
 Language editor: Prof. MUDr. Jaroslav Pokorný, DrSc.

Due to the lack of manuscripts the periodicity of the edition could not be maintained in 2008. This lack of texts has been overcome now and there are 41 texts for the journal (three of which have been rejected). As there are similar problems concerning the low return of expert reviews, we can expect the delay in edition to be eliminated in the first quarter of 2009. In 2009 then the journal may appear regularly, which is very important for its further prospects as it could receive an impact factor, considering its inclusion in the PubMed data base and undoubted regional importance. The long-term regularity in publication is a sine qua non here.

ACTA UNIVERSITATIS CAROLINAE – MEDICA

The periodical did not appear in 2008.

Organizing and technical aspects in edition of the Faculty's journals

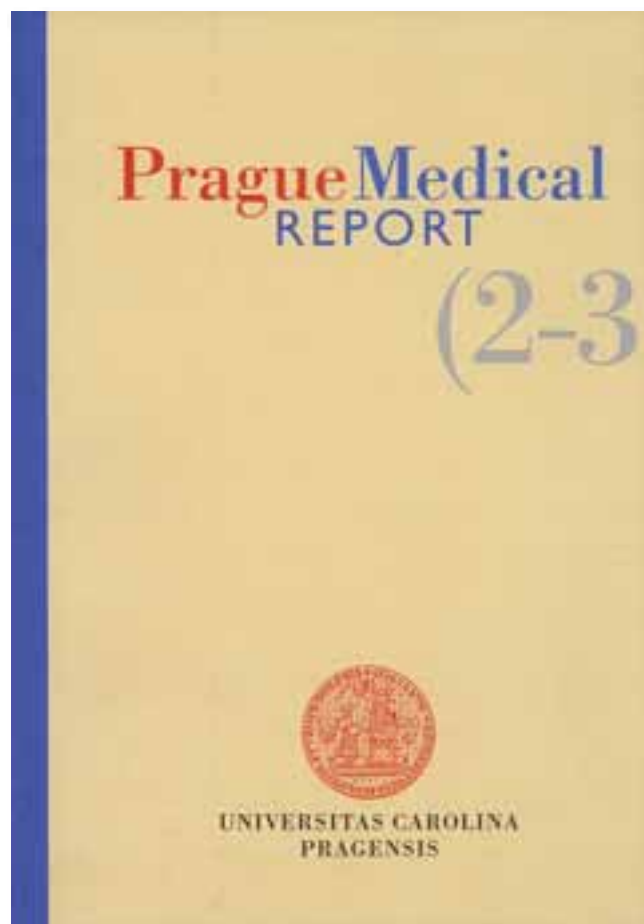
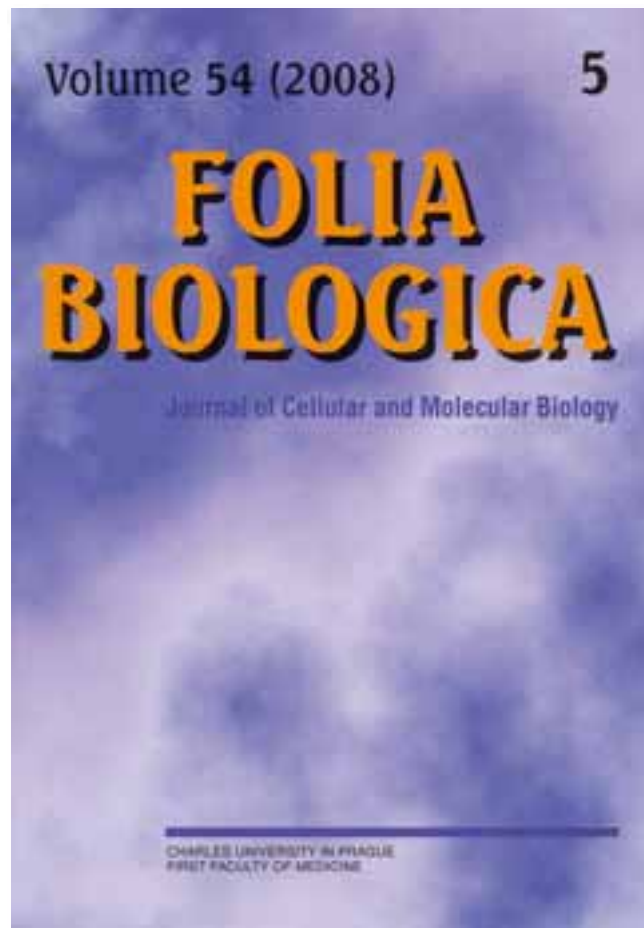
Organizational backup for edition of the journals at the Faculty is provided by Mrs Vlasta Helekalová and technical editors. In 2008 the technical editor was Mr Jiří Frühauf and partly Ms Lucie Šulcová. Now the editorial bodies of all the journals are housed in the reconstructed rooms at 32 Kateřinská.

Prize for the best article by an author under 35 years of age

To the proposal by the editorial board, the PMR (Prague Medical Report) prize for young authors, aged under 35, was awarded to the article *The Effects of Sleep and Sleep Deprivation on Metabolic, Endocrine and Immune Parameters* (by E. Maurovich-Horvat, T. Pollmächer and K. Šonka), whose first author is Eszter Maurovich-Horvat, MD, of the Department of Neurology of the First Faculty of Medicine and General Teaching Hospital.

The said text is an excellent multidisciplinary study, fully in accord with the focus of our journal both in professional and formal aspects.

*Prof. MUDr. Karel Smetana, DrSc.
 Member of Dean's Office Board of the Faculty*



MANAGING REPORT



AUDITOR'S REPORT





INDEPENDENT AUDITOR'S REPORT

Appropriate Addressee

The First Faculty of Medicine of Charles University in Prague
Kateřinská 32, 121 08 Praha 2

We have audited the accompanying financial statements of **The First Faculty of Medicine of Charles University in Prague**, which comprise the balance sheet as at 31st December 2008, and the income statement for the year then ended.

Statutory Body's Responsibility for the Financial Statements

The Statutory Body of The First Faculty of Medicine of Charles University in Prague is responsible for the preparation and fair presentation of these financial statements in accordance with Czech accounting regulations. This responsibility includes: designing, implementing and maintaining internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Act on Auditors and International Standards on Auditing and the related application guidelines issued by the Chamber of Auditors of the Czech Republic. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.



An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control.

An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements give a true and fair view of the financial position of The First Faculty of Medicine of Charles University in Prague as at 31st December 2008, and of its financial performance and its cash flows for the year then ended in accordance with Czech accounting regulation.

Prague, March 10th, 2009



Ing. Hana Filipcová
The auditor – certificated by
KAČR No.0649

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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 31st, 2008*

ASSETS				
identifi- cation		row	1.1.2008	31.12.2008
a	b	c	1	2
A.	Fixed assets	1	875 347 222	1 115 529 351
1.	Intangible results of research and similiary activities (012)	2	0	0
	Software (013)	3	17 708 139	25 372 870
	Valuable rights (014)	4	0	0
	Minor items of intangible fixed assets (018)	5	4 365 191	4 113 511
	Other intangible fixed assets (019)	6	529 179	529 179
	Acquisition of intangible assets in progress (041)	7	0	0
	Advancements for intangible fixed assets (051)	8	0	0
	Intangible fixed assets	9	22 602 509	30 015 560
2.	Accumulated amortization -intangible results of research and similiary activities (072)	10	0	0
	Accumulated amortization - software (073)	11	-13 308 249	-15 496 549
	Accumulated amortization - valuable rights (074)	12	0	0
	Accumulated amortization - minor items of intangible assets (078)	13	-4 365 191	-4 113 511
	Accumulated amortization - other intangible fixed assets (079)	14	-370 456	-476 300
	Accumulated amortization - intangible assets	15	-18 043 896	-20 086 359
3.	Land (031)	16	0	0
	Work of art and collections (032)	17	725 258	1 346 558
	Buildings (021)	18	616 208 684	821 586 904
	Capital equipment units and property (022)	19	746 435 260	840 384 663
	Perennial crops (025)	20	0	0
	Breeding and draught animals (026)	21	0	0
	Minor items of tangible assets (028)	22	76 983 916	70 903 111
	Other tangible assets (029)	23	215 688	146 552
	Acquisition of tangible assets in progress (042)	24	162 607 989	176 149 053
	Advancements for tangible assets (052)	25	0	0
	Tangible fixed assets	26	1 603 176 794	1 910 516 841
4.	Accumulated depreciation - buildings (061)	27	-231 446 834	-245 895 798
	Accumulated depreciation - capital equipment: units and property classes (082)	28	-423 741 748	-487 971 229
	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	-76 983 916	-70 903 111
	Accumulated depreciation - other tangible assets (089)	32	-215 688	-146 552
	Accumulated depreciation-tangible fixed assets	33	-732 388 186	-804 916 691
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	236 391 957	247 700 458
1.	Materials in stock (112)	42	1 240 655	2 524 792
	Materials in transfer (119)	43	0	26 512
	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	1 240 655	2 551 304
2.	Trade receivables (311)	52	461 763	2 795 931
	Bills of exchange (312)	53	0	0
	Receivables - issued securities (313)	54	0	0
	Prepayment (314)	55	3 229 679	3 213 656
	Other receivables (315)	56	137 159	571 230
	Receivables on employees (335)	57	1 005 869	432 238
	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	0	360 296
	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	7 545 587	32 033 707
	Estimated receivables (388)	68	-729 494	56 642
	Receivables	69	11 650 562	39 463 700
3.	Cash in hand (211)	70	271 931	227 294
	Postal stationery (213)	71	85 800	105 300
	Cash in bank (221)	72	217 775 206	203 212 662
	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	218 132 937	203 545 257



4.	Deferred expenses (381)	78	4 896 599	2 066 898
	Accrued revenues (385)	79	0	0
	Foreign currencies exchange losses (386)	80	471 205	73 300
	Temporary accounts	82	5 367 804	2 140 198
	Total assets	83	1 111 739 179	1 363 229 809

EQUITY + LIABILITIES				
Identifi- cation		row	1.1.2008	31.12.2008
a	b	c	3	4
A.	Equity	84	961 082 740	1 193 307 218
1.	Capital (901)	85	877 570 384	1 117 752 513
	Funds (911)	86	81 262 483	73 291 022
	Capital + Funds	87	958 832 867	1 191 043 536
2.	Profit/loss for current year (963)	88	0	404 281
	Profit/loss in approval proces (931)	89	720 892	0
	Retained earnings, unpaid losses (932)	90	1 528 961	1 859 402
	Profit/loss	91	2 249 873	2 263 683
B	Liabilities	92	150 856 439	169 922 591
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	0
	Long-term liabilities	99	0	0
3.	Trade payables (321)	100	18 988 411	7 299 809
	Short-term notes (322)	101	0	0
	Deposits received (324)	102	50 000	0
	Other liabilities (325)	103	857 453	1 060 426
	Payables to employees (331)	104	27 835 446	32 745 113
	Other payables to employees (333)	105	408 307	802 379
	Payables to social security (336)	106	17 096 016	18 863 054
	Tax on income payable (341)	107	0	0
	Other direct taxes (342)	108	6 071 014	6 220 426
	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	9 966 586	7 432 501
	Payables by virtue of financial relation to the local government budget (348)	112	1 265 999	910 140
	Payables by virtue of subscribed securities and deposits (367)	113	0	0
	Payables to association (368)	114	0	0
	Other payables (379)	115	2 450 238	3 254 885
	Estimated payables (389)	127	-9 048 949	2 642 930
	Current liabilities	118	75 740 521	81 231 663
5.	Accrued expenses (383)	124	0	1 359
	Deferred revenues (384)	125	74 914 065	85 724 968
	Foreign currencies exchange gains (387)	126	1 854	2 964 601
	Accruals	130	74 915 919	88 690 927
	Total liabilities + equity	131	1 111 739 179	1 363 229 809



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 31st, 2008

Acc. Nr.	row	activity		total	
		head	economic		
501	Consumption of material	002	109 710 822	1 306 868	111 017 689
502	Consumption of energy	003	29 833 797	0	29 833 797
503	Consumption of other non-stockable supplies	004	0	0	0
504	Cost of merchandise sold	005	0	0	0
511	Maintenance	007	55 727 441	54 435	55 781 875
512	Travel expenses	008	19 039 106	173 606	19 212 711
513	Representaion cost	009	706 011	85 986	791 997
518	Other outside services used	010	30 888 531	2 290 211	33 178 742
521	Wages and Salaries	012	409 259 138	3 251 191	412 510 329
524	Statutoryl social security expenses	013	139 585 941	785 446	140 371 387
525	Other social security expenses	014	0	0	0
527	Legal social expenses	015	8 762 533	0	8 762 533
528	Other social expenses	016	4 030 316	0	4 030 316
531	Road tax	018	14 425	0	14 425
532	Property tax	019	0	0	0
538	Other taxes and fees	020	8 812	0	8 812
541	Contractual fines and penalties	022	35	0	35
542	Other penalties	023	0	34 508	34 508
543	Un-collectable accounts receivable expenses	024	17 951	0	17 951
544	Interest	025	18 534	0	18 534
545	Exchange rate loses	026	2 817 303	18 250	2 835 554
546	Gifts	027	77 750	0	77 750
548	Involuntary conversion	028	167 762	0	167 762
549	Other expenses	029	85 552 202	6 161 954	91 714 156
551	Amortization of intangible and deprecation of tangible assets	030	94 530 765	0	94 530 765
552	Net book value of sold tangible and intangible assets	032	0	0	0
553	Sold securities and deposits	033	0	0	0
554	Purchase price of sold raw materials	034	512	565 279	565 790
556	Creation of legal reserves	035	0	0	0
559	Creation of legal allowances	036			0
581	Contributions given organiz. unit	038			0
582	Contributions given	039			0
Total expenses		042	990 749 686	14 727 733	1 005 477 418
Internal expenses		042	1 409 537	2 000 130	3 409 666
Total expenses incl. Internal expenses		042	992 159 222	16 727 863	1 008 887 085



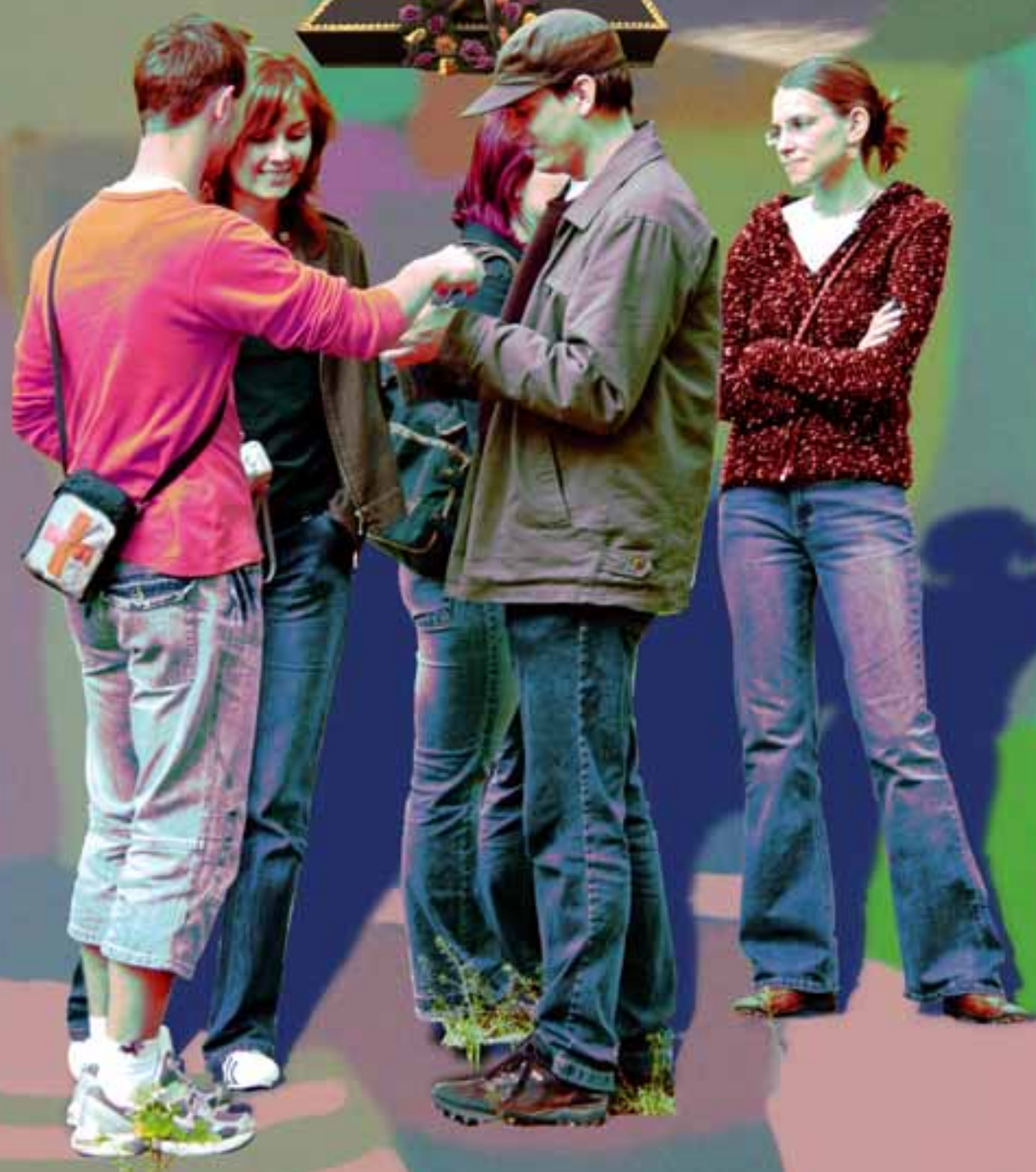
Acc. Nr.	row	activity		total	
		head	economic		
601	Revenues from own products	044	0	0	0
602	Revenues from rendering services	045	109 911 977	26 124 260	136 036 237
604	Revenues from merchandise	046	0	0	0
611	Change in inventory of work in progres	048	0	0	0
612	Change in inventory of semi-finished product	049	0	0	0
613	Change in inventory of own products	050	0	0	0
614	Change in inventory of animals	051	0	0	0
621	Capitalisation of materials and merchandise	053	0	0	0
622	Capitalisation of own services	054	0	0	0
623	Capitalisation of intangible assets	055	0	0	0
624	Capitalisation of tangible assets	054	0	0	0
641	Contractual fines and delay interest	058	7 661	0	7 661
642	Other fines and penalties	059	0	0	0
643	Revenues from un-collectable receivables	060	0	0	0
644	Interest	061	8 183 751	0	8 183 751
645	Exhcange rate profits	062	3 401 598	9 583	3 411 182
648	Clearing of equity accounts	063	29 071 107	0	29 071 107
649	Other revenues	064	103 416 255	104 727	103 520 982
652	Revenues from sale of tangible and intangible assets	066	12 000	0	12 000
653	Revenues from sale of securities and deposits	067	0	0	0
654	Revenues from sale of raw materials	068	92	1 301 671	1 301 763
655	Revenues from short-term financial assets	069	0	0	0
656	Clearing of legal reserves	070	0	0	0
657	Revenues from long-term financial assets	071	0	0	0
659	Clearing of legal allowances	072	0	0	0
681	Contributions received from operational units	074	0	0	0
682	Contributions received	075	0	0	0
684	Membership fees received	076	0	0	0
691	Operating grants	078	715 242 552	0	715 242 552
	Total revenues	079	969 246 994	27 540 242	996 787 236
	Internal revenues	079	11 761 511	742 619	12 504 130
	Total revenues incl. Internal revenues	079	981 008 505	28 282 860	1 009 291 366
	Net income/loss before taxation	080	-11 150 717	11 554 998	404 281
591	Income tax - current year	081	0	0	0
	Net income/loss after taxation	082	-11 150 717	11 554 998	404 281



ATTACHMENTS



STUDENTS' ACTIVITIES



STUDENTS' ACTIVITIES

Union of Czech Medical Students

In the year of the 660th anniversary of Charles University in Prague we continued implemented our traditional projects but prepared a couple of new ones for our members as well. During the year the number of members considerably increased too. In December 2008 the number of registered members approached six hundred.

Like in the past years we continued to improve our rooms in Faust House. Above all we focused on refurbishing the study room. The reason was that in 2008 restoration work was completed in one of the rooms which the Union of Czech Medical Students uses. Therefore a new study room for about nine students was established under a baroque fresco in an alcove, thanks to the donation by the La Roche corporation and support from the Dean's Office. The opening ceremony was held at presence of Prof. Tomáš Zima, the Dean of the First Faculty of Medicine and honorary member of the Union of Czech Medical Students, who significantly contributed to the successful implementation of the project. However, as we know that our rooms serve the students not only for study purposes but also for relaxation and recreation in their spare time and as a venue where they meet friends, we widened the offer of table games and purchased a new sofa. A very important part of our premises is the computer room, which thanks to the generosity of the Faculty management experienced substantial changes at the end of the year; now 16 new computers with the access to internet, a photo copier and a scanner are available for students.

And what was the other news of the year in 2008?

Of the new events let me first mention the **series of classes on oral hygiene**. These are oriented to everyone interested to learn how to clean the teeth correctly, and how to choose and correctly use the equipment. The seminar as well as practical training is lead by our students of stomatology and dentistry. Before leaving for the summer holidays, members of the Union participated in compiling the **information brochure for the new first year students** of the First Faculty of Medicine. The publication was catered for by the Faculty and its principal editor was Dr. Martin Kucharik, of the Department of Neurology. This "guidebook to the start of the studies" was then handed out to our "freshmen" at the introductory camp in Dobronice. At the beginning of the academic year we organized a **textbook exchange** in the Faust House, which met an unprecedented interest. In total, about 200 sellers and buyers turned up. The autumn then brought two novelties – first the **Concert of Student Bands** at the Wagon Club, and second the **St. Nicholas Drop of Blood**, a project which attracted new student donors to the Blood Transfusion Centre.

Throughout the year in 2008 the Union of Czech Medical Students was involved in creating a new all-university organization – the **Students' Union of Charles University**. I am really glad that it was the Union of Czech Medical Students that – together with some other organizations from three faculties of the University – initiated its birth and so became one of its charter members. In future, the Students' Union of Charles University should facilitate communication between faculties and promote social life within the whole *alma mater*.

The Students' Union, however, is just one of our activities "beyond the Faculty". In 2008 we were addressed by several organizations. Most of these contacts were about **offers of vacation jobs and volunteer programmes** for students, or recruitment of gradu-

ates for **jobs abroad**. The Union started co-operation with a British agency offering jobs in health care facilities in Great Britain and Ireland, and as a result 60 of our students found summer jobs as nursing staff in Great Britain. In mid-April members of the Union took part in the 12th **Martin Stethoscope**, the floorball tournament organized by Jessenius Medical Faculty in Martin (Slovakia). In May we had a group of 50 **medics from Rotterdam**, and in October a group of **students from Slovenia**. In July three members of the Union board attended a **summer school in Ukraine**, hosted by Horbaczewski University in Tarnopol. For quite a long time we have also been co-operating with the **2M – Medics for Medics**, of the Second Faculty of Medicine of Charles University, in organization of seminars on topics such as medical ethics, doctor-to-patient communication etc.

Members of the Union are involved in the activities around the Erasmus/LLP project. In 2008, our **Erasmus Students' Office (ESO)** organized again the "**Buddy Programme**" successfully, whose aim is to facilitate the placements and life of incoming international students. ESO takes care of social programme and free time activities of our guest students too. In 2008 ESO started collaborating with the **Charles University International Club**, which organizes a similar programme in the all-university scale.

The other programmes we implemented during the year can only be mentioned on the margin. Most of them are traditional well-established programmes of the Union.

Social events

- Every year we take part in organization of the **Medic Prom Ball** of the First Faculty of Medicine, and it was the case with the jubilee 120th ball.
- **Star Rave-up**, a traditional party at the Hvězda ("Star") club, has been held with "smoking ltd." since 2007. In 2008 there were two Star Rave-ups; at one of them the students could also compete for free flight tickets from Sky Europe corporation, and at the other for a nano iPod and other valuable prizes.
- **No Smoking Party**, an event of IFMSA – the Union of Czech Medical Students aimed against smoking, is similar to the Star Rave-up, but featuring a different kind of alternative music and – above all – with smoking completely banned.
- **2008 picnic** – an event, which has won everyone's attention, not only among students but also among the Faculty staff and – most importantly – among the Heads of the departments and institutes, for these are the people who make our afternoon in the park even more pleasant, treating us to all those yummys specially baked for students. This time, just like in 2007, the weather was not very favourable. Despite getting off to a bad start like this, the picnic gathered a fair audience and the students as well as employees of the Faculty had a very pleasant afternoon in the garden of the Department of Psychiatry.
- **Eben Brothers at Karlov** gave a concert in May under a joint project by the Medics' Humanitarian Club and the Students' Council of the Faculty of Arts and Philosophy, in which the Union of Czech Medical Students took part as well.
- **1+6 Medic Party** was another project by the Medics' Humanitarian Club in which the Union of Czech Medical Students participated too.

- The **squash tournament** was organized for our students by the Union for the second time now.

Projects for children

The **2008 Children's Day** is one of the very popular events for children that the Union helps to organize every year.

On the **St. Nicholas Eve** we, like in the past years, visited the clinical departments of the General Teaching Hospital in the traditional disguise of St. Nicholas, Devil and Angel in order to give out small presents to children who had to spend the holiday in hospital. The presents were really generous, thanks to both students and employees of the First Faculty of Medicine and General Teach-

ing Hospital who presented sweets, fruit and small toys for our small patients in a charity collection. However, also the Nestlé company must be acknowledged, which has sponsored our project since 2007. And – as the quantity of the presents collected was really enormous this time – the “surplus” pleased the children in the children's home in Prague 2.

To close with, I would like to mention briefly another two charities, as the Union of Czech Medical Students also participates in the **Anti-cancer Day** and **World AIDS Day**.

I suppose I can say with a clear conscience that 2008 was a very successful year for the Union, and I do believe that 2009 will not be any worse in this respect.

*Pavel Rutar
Chairman of the executive
of the Union of Czech Medical Students*



The study room of the Union of Czech Medical Students in Faust House after reconstruction

IFMSA – THE LOCAL BRANCH AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN PRAGUE

Throughout the year 2008 the local branch of IFMSA CZ at the First Faculty of Medicine of Charles University in Prague was working at further development of both existing and new projects. Traditionally, the most conspicuous part of its activity is the offer of placements abroad, which attract the interest of more and more students.

Under our projects we continued co-operation with various organizations beyond the Faculty and established closer collaboration with the Union of Czech Medical Students as well as with the IFMSA local branches at the Second Faculty of Medicine and the Third Faculty of Medicine of Charles University.

Some of our members attended the IFMSA international meetings, where they gained new contacts, experience and inspiration for further activity.

Students' placements abroad

In the past year, 51 students of our Faculty travelled abroad for clinical placements and another 6 students for research placements. For the first time we managed to obtain a subsidy from the University, amounting to CZK 400,000, which was distributed among the students who had applied before the departure and then, after return, submitted a travel report with concise evaluation of the placement and a statement of costs. The students' travel reports are available at the data base on the Faculty's website.

The number of incoming students at the Faculty in 2008 was 55 for clinical placements and 5 for research placements. To meet the international students' requirements, this time we contacted some departments of teaching hospitals, and mostly with kind response. Apart from the placements, rich social and cultural programme was prepared, which the incoming students were really happy with. This programme was implemented by residents, which are students of our Faculty who can besides new contacts gain more points in the competition for placements abroad.

First aid classes for secondary schools

In 2008 we in co-operation with Dr. Václav Vávra from the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital again continued training the basic first aid at secondary schools. For students of the Faculty this project provides a chance to consolidate their knowledge of principles of first aid and obtain some experience in teaching younger students.

No Smoking Party

In February 2008 we organized the No Smoking Party already for the sixth time. The audience was abundant, and everyone abstained from smoking for the whole time at the party.

Twinning project

In May 2008 ten students of our Faculty took a short-time exchange stay at the university in Ljubljana, and a fortnight before we had entertained a party of ten Slovenian students here. The objective was to enhance co-operation with students abroad, compare the studies in Slovenia and back home, and to obtain new experience and friends. As both parties were happy with the exchange, we decided to continue the project in 2009, and to try a similar project with students from some other European countries.

Lectures and seminars not only for students

In April 2008, the seminar on the topic of Commercial sexual abuse of children as a current grave violation of human rights took place at the Academic Club, with Dr. René Milfait as a special guest.

In November 2008 there was a lecture on the topic Miracles, history and biomedicine by Dr. Karel Černý, from the Institute for History of Medicine and Foreign Languages.

World AIDS Day

Every year on occasion of the World AIDS Day in early December, IFMSA CZ members are involved in selling the red ribbons to support the AIDS-sufferers and prevention of the disease. In 2008 we managed to raise CZK 6,115 by selling the ribbons and transferred the sum to the account of the Czech AIDS-help Society.

Teddy Bear Hospital

In 2008 there was a keen interest in the project of the Teddy Bear Hospital from both kindergartens and students. We co-operate with about twenty kindergartens, some of which are English-speaking ones. In this way the international students of our "parallel English class" can participate as well. The Teddy Bear Hospital was also present at the Children's Day, organized by the First Faculty of Medicine and the General Teaching Hospital.

Médecins sans Frontières

In the past year we also started the successful collaboration with the international humanitarian organization *Médecins sans Frontières* in the event of organizing *A refugee camp in the heart of the city* in September 2007. In February 2008 a students' meeting with representatives of *Médecins sans Frontières* was held at the Faculty, attended by more than a hundred students.

In June 2008 several members of our branch participated in organization of another *Médecins sans Frontières* project – the exhibition *Forgotten worlds* by Jan Šibík, reflecting the situation in Uganda and Kenya.

Lékořice Volunteer Centre

In October 2008 we started closer co-operation with the Lékořice Volunteer Centre, and in November there was a lecture about their activities in the Academic Club.

T-shirts of the Union of Czech Medical Students and IFMSA CZ

With support from the Dean's Office of the First Faculty of Medicine of Charles University in Prague, we designed "unofficial" Faculty t-shirts, which – as we hope – will appeal not only our own students but also those incoming, who the t-shirts are prepared for as a small present.

New logo

IFMSA CZ changed its logo in the autumn of 2008. The main reason for the change was the need in a logo that would be more applicable in information and publicity materials.

Aneta Pechoová
Local president of IFMSA CZ branch
at the First Faculty of Medicine of Charles University in Prague

FIRST AID FOR PUBLIC

Reversible damage to cells of CNS occurs in 2-3 minutes after the supply of oxygen is cut off. After five minutes the damage to the cells becomes irreversible. In the past few years the rescue ambulances in Prague have been able to reach the site of an accident in 8-15 minutes, depending on the intensity of the traffic...

We are a group of students and alumni of the First Faculty of Medicine of Charles University. Under the auspices of Prof. T. Zima, the Dean of the faculty, and Assoc. Prof. M. Stříteský, the Head of the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital, and with the support of the Academic Club of the First Faculty of Medicine, we organize lectures on the basics of first aid for wide public in our spare time. This is completely done by volunteers, and the lectures at the premises of the First Faculty of Medicine are completely free for all visitors. The lecture, however, is unofficial and does not entitle the participants to any certificates or formal qualifications.

In two hours we try to give the participants as much information on providing first aid in such most common conditions as the

arrest in breathing and heart action, brain stroke, unconsciousness, bleeding and some other situations, as bites by venomous animals, burns, poisonings etc.

Always with us is a resuscitation dummy to practise CPR on, which was presented to the Faculty by the Roche company thanks to Prof. T. Zima. Our aim is that all participants can try how to give external heart compressions and mouth-to-mouth rescue breaths by themselves. We assume that several minutes of practical training are much more valuable than hours of lectures.

For his expert assistance, we really appreciate Dr. M. V. Vávra from the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital.

The First Aid for Public project has been in operation for four years. Since the beginning, we instructed more than 3,000 people. We also take part in the events organized by the First Faculty of Medicine, such as the 2008 Children's Day in the garden of the Department of Psychiatry.

On behalf of First Aid for Public

MUDr. Michaela Ingrischová



The 2008 Student Picnic in the garden of the Department of Neurology and Department of Psychiatry of the First Faculty of Medicine and General Teaching Hospital



Members of the Union of Czech Medical Students at sport



At the Academic Club of the First Faculty of Medicine, the book *Hemp and hemp drugs* by Michal Miovský et al., issued by the Grada Publishing, a. s. was introduced. From the left: Prof. S. Štech, director M. Brunát, Prof. T. Zima, Assoc. Prof. M. Miovský and Assoc. Prof. P. Bartůněk

LIST OF UNITS, BY 31TH DECEMBER 2008



LIST OF UNITS OF THE FIRST FACULTY OF MEDICINE, BY 31TH DECEMBER 2008**SCIENTIFIC / EDUCATIONAL UNITS
OF THE FACULTY****Institute of Anatomy**

U Nemocnice 3, 128 00 Praha 2, tel.: 224 965 780,
fax: 224 965 770
Head: doc. MUDr. Miloš Grim, DrSc.
E-mail: anat@lf1.cuni.cz

Institute of Physiology

Albertov 5, 128 00 Praha 2, tel.: 224 968 430, 224 968 432,
224 968 420, fax: 224 918 816
Head: prof. MUDr. Otomar Kittnar, CSc., MBA
E-mail: physiol@lf1.cuni.cz

Institute of Biochemistry and Experimental Oncology

U Nemocnice 5, 128 53 Praha 2, tel.: 224965 732,
22496 5736, tel. /fax: 22496 5741
Head: MUDr. Alexi Šedo, DrSc.
E-mail: chem2@lf1.cuni.cz

Institute of Biophysics and Informatics

Salmovská 1, 120 00 Praha 2, tel.: 224 922 605, 224 923 519,
224 912 554
Na Bojišti 3, 128 01 Praha 2, tel. /fax: 224 922 342
Head: doc. Ing. Miloslav Špunda, CSc.
E-mail: biof@lf1.cuni.cz

Institute of Cell Biology and Pathology

Albertov 4, 128 01 Praha 2, tel.: 224 910 315, 224 916 248,
fax: 224 917 418
Head: prof. RNDr. Ivan Raška, DrSc.
E-mail: lge@lf1.cuni.cz

Institute for History of Medicine and Foreign Languages

Kateřinská 32, 121 08 Praha 2, tel.: 224 923 665, 224 964 291-3,
224 964 108
E-mail: dejiny@lf1.cuni.cz
Karlovo nám. 40, 120 00 Praha 2, tel.: 224 963 449,
tel. /fax: 224 920 301
Head: prof. PhDr. Milada Říhová, CSc.
E-mail: jazyky@lf1.cuni.cz

Institute of Spa Medicine

Hlavní 390, 353 01 Mariánské Lázně, tel.: 354 622 352
Head: Mgr. Petr Hála (provisional Head of the Institute)
E-mail: petr.hala@ujop.cuni.cz

Institute of Medical Biochemistry

Kateřinská 32, 121 08 Praha 2, tel.: 224 964 281,
fax: 224 964 280
Head: prof. MUDr. Stanislav Štípek, DrSc.
E-mail: chem1@lf1.cuni.cz

Institute of Pathological Physiology

U Nemocnice 5, 128 53 Praha 2, tel.: 22496 5901,
22496 5916, fax: 22491 2834

Head: prof. MUDr. Emanuel Nečas, DrSc.

E-mail: patfy@lf1.cuni.cz

Institute of Histology and Embryology

Albertov 4, 128 01 Praha 2, tel.: 22491 8786, 22496 8125,
22496 8135, fax: 22491 9899
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. Mgr. Jolana Těšinová (provisional Head of the
Institute)
E-mail: usm@lf1.cuni.cz

Institute of Physical Education

Salmovská 5, 120 00 Praha 2, tel.: 224 965 816,
tel. /fax: 224 922 463
Head: PaedDr. Jana Doležalová
E-mail: telvy@lf1.cuni.cz

Institute of Nursing Theory and Practice

Vídeňská 800, Thomayer Teaching Hospital, Building A1,
140 59 Praha 4, tel.: 261 083 538
Head: Mgr. Eva Marková (provisional Head of the Institute)
E-mail: osetro@lf1.cuni.cz

Institute of General Medicine

Albertov 7, 128 00 Praha 2, tel. /fax: 22491 7 479
Head: MUDr. Bohumil Seifert, Ph.D. (provisional Head
of the Institute)
E-mail: vseole@lf1.cuni.cz

Special Support Unit of the First Faculty of Medicine**Centre for Experimental Biomodels**

U Nemocnice 5, 128 21, tel.: 224 965 815
Head: Mgr. Viktor Sýkora
E-mail: E-ceb@lf1.cuni.cz

**SCIENTIFIC / EDUCATIONAL CLINICAL UNITS
OF THE FACULTY****Joint Units with General Teaching Hospital****Department of Dermatology and Venereology**

U Nemocnice 2, 128 21, tel.: 22492 0610, 22496 2421,
fax: 22492 3759
Apolinářská 4, 121 08, tel.: 22492 1717
Head: prof. MUDr. Jiří Štork, CSc.
E-mail: kozni@lf1.cuni.cz

Institute of Pharmacology

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

Department of Phoniatrics

Žitná 24, 120 00 Praha 2, tel.: 22496 4931,
tel./fax: 22494 3051
Head: doc. MUDr. Olga Dlouhá, CSc.
E-mail: fonia@lf1.cuni.cz

Department of Geriatrics

Londýnská 15, 120 00 Praha 2, tel.: 22251 0106, 22252 1104,
22252 0690, fax: 22251 4294
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The “Chair for Faust” interview with Assoc. Prof. Mílada Kohoutová, the Head of the Institute of Biology and Medical Genetics of the First Faculty of Medicine and General Teaching Hospital



One of the guests to the “Chair for Faust” in 2008 was Prof. Jana Dušková, the Vice-Dean for Education and Dentistry

THE MAP



Joint Units of The First Faculty of Medicine With Teaching Hospitals on The Territory of Prague Capital

A

Prague 4, Vídeňská 800

- Joint Units with Thomayer Teaching Hospital
- Department of Surgery
- Department of Paediatrics
- Department of Pneumology
- Department of Anaesthesiology and Intensive Care
- Institute of Nursing Theory and Practise

B

Prague 5, V Úvalu 84

- Joint Units with Teaching Hospital Motol
- 3rd Department of Surgery
- Department of Otorhinolaryngology and Head and Neck Surgery
- Department of Orthopaedics

C

Prague 6, U Vojenské nemocnice 1200

- Joint Units with Central Military Hospital Prague
- Department of Neurosurgery
- 2nd Medical Department - Clinical Department of Gastroenterology
and Hepatology
- Department of Ophthalmology

D

Prague 8, Budínova 2

- Joint Units with Teaching Hospital Na Bulovce
- Department of Gynaecology and Obstetrics
- Department of Surgery
- 3rd Department of Infectious and Tropical Diseases
- Department of Plastic Surgery
- Department of Orthopaedics
- Department of Radiodiagnostics
- Institute of Radiation Oncology

E

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