

Charles University
First Faculty of Medicine

Annual Report

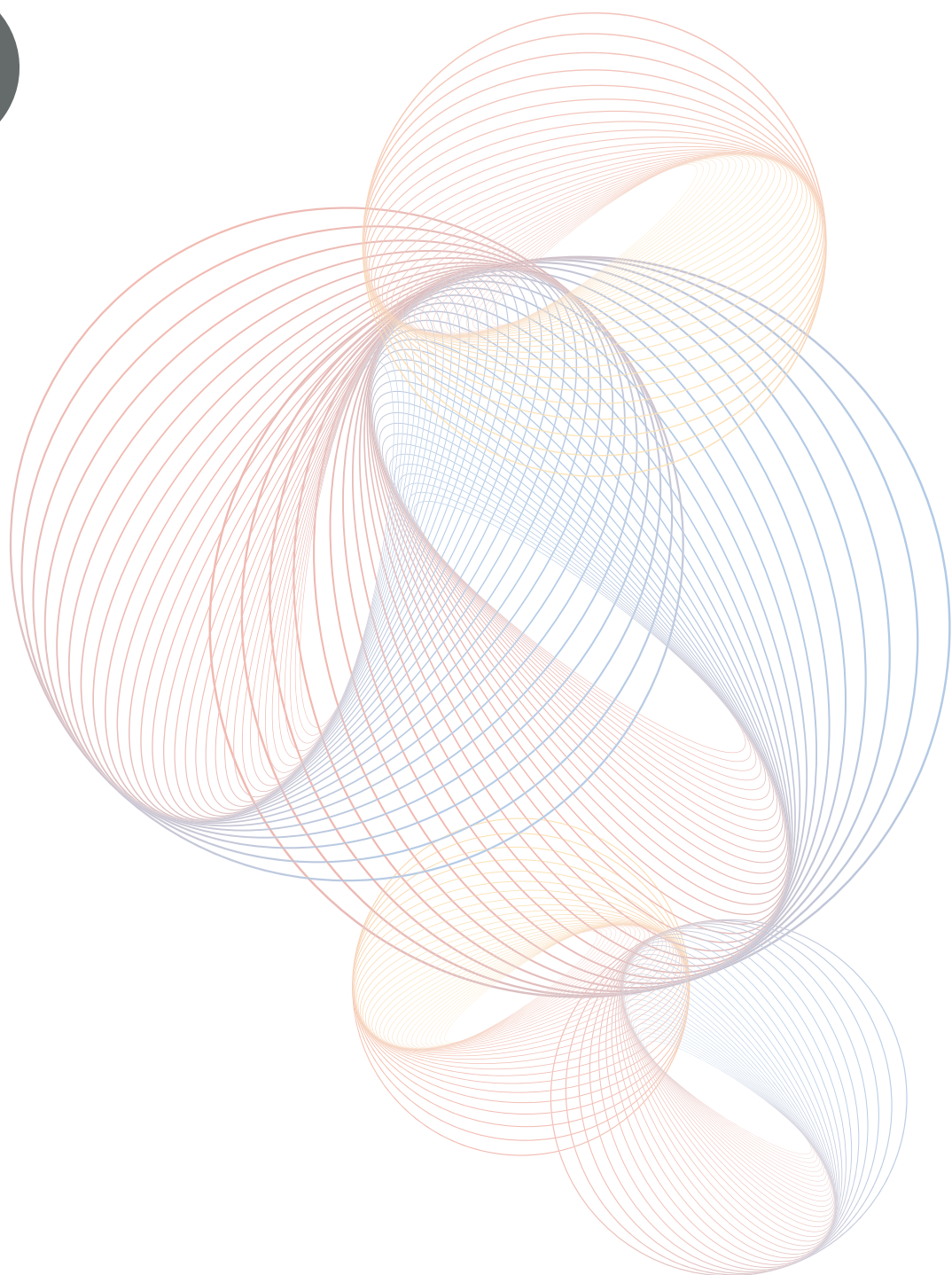
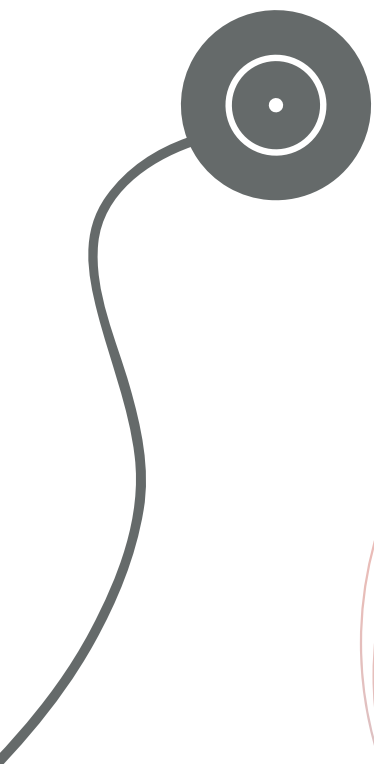
2017



Charles University
First Faculty of Medicine

Annual Report

2017





**FIRST FACULTY
OF MEDICINE**
Charles University

Compiled by team of authors from Charles University – the First Faculty of Medicine
Graphical outlay and setting: Mgr. Kristýna Heřmanová
Photographs: Veronika Vachule Nehasilová

REPORT ON THE ACTIVITIES

7	Dean of the Faculty
9	Director of the General University Hospital in Prague
10	Director of the Military University Hospital Prague
11	Director of the University Hospital Motol
13	Director of the Thomayer Hospital
14	Director of the Na Bulovce Hospital
15	Governing bodies of the Faculty
19	Development of the Faculty, organizational changes and composition of the staff
22	Appointment of Professors and Associate Professors in 2017
29	Studies
54	Science and research, grant agenda
80	Activities of the Institute of Scientific Information
88	International relations
90	Communication Department

MANAGING REPORT

99	Auditor's report
----	------------------

ATTACHMENTS

105	Students' activities
112	Awards granted in 2017
114	List of organizational units of the Faculty by 31 st December 2017

7	Dean of the Faculty
9	Director of the General University Hospital in Prague
10	Director of the Military University Hospital Prague
11	Director of the University Hospital Motol
13	Director of the Thomayer Hospital
14	Director of the Na Bulovce Hospital
15	Governing bodies of the Faculty
16	Academic Senate
17	Management of the First Faculty
17	Scientific Board of the Faculty
19	Development of the Faculty, organizational changes and composition of the staff
22	Appointment of Professors and Associate Professors in 2017
23	Procedures for appointment to professor posts at the Scientific Board of the First Faculty of Medicine at Charles University in 2017
26	Habilitation procedures to appoint associate professors, passed in the Scientific Board of the First Faculty of Medicine at Charles University in 2017
29	Studies
29	Education
32	Clinical teaching
42	Evaluation of tuition by students
43	Postgraduate doctoral studies in biomedicine
54	Science and research, grant agenda
55	Grant support for science and research
57	Student scientific conference
60	2016 bibliography
62	Publications in journals with the highest impact factors, by the author's role, in 2017
75	Development of publishing activity in journals with IF, number of publications – total IF in 2016
76	Hirsch index
80	Activities of the Institute of Scientific Information
80	Institute of Scientific Information of the First Faculty of Medicine
84	Monographs (survey of monographs and textbooks published by authors/co-authors from the Faculty) in 2017
88	International relations
88	International student exchange and stays abroad
90	Communication Department
90	Media and public relations
93	Applicants and potential prospective students
93	Internal communication
95	Web pages and social networks
96	Professional and scientific journals



*Prof. MUDr. Aleksi Šedo, DrSc.
Dean of the Faculty*

The Annual Report presents complex information that provides the image of our activities in the past fiscal year. But this does not only mean bare data. We also want to provide a meaty, multidimensional and deeper insight into the world of the Faculty “through the looking-glass”. We decidedly want to judge our activity on strict rules and fair to move forwards in the areas that are important to us – successful students and alumni, balanced faculty budget, excellent science, happy teachers and other staff of the Faculty. Firm internal rules and set standards, however, perhaps always will resist external influences, various system distortions and other obstacles. Last year we had to overcome them or knock them down on the way to the desired development, and sometimes we really did so with the shadow of Alice in the wonderland behind.

With unflagging energy we pursue the main task of the Faculty – education of physicians and dentists as well as health professionals in other, non-medical fields. In 2017 we continued the efforts to improve and refine the system of the admission procedures. It was specifically the previously introduced bonus for mathematic skills that began to show results. The analysis of the admission procedures revealed that excellent secondary school grading in mathematics is an important predictor of successful studies at the Faculty. Now we have known that the chance of passing as far as the third year of studies is 35 percent higher in students with the said bonus than in other students.

One undisputable fact that we are proud of is the number of teachers per one student. We completed the set of top quality institutions of our clinical base with several other health care facilities which provide our students with a closer view of medical care and practice. We also constantly observe and evaluate the composition of the set of compulsory and elective subjects and try to adjust it to the requirements of modern medicine, taking in consideration the evaluation of tuition by our students as well. Assessment of functioning of the Faculty through this evaluation provides the teachers and management with some feedback and at the same time it sharpens the students’ critical thought and their ability to discriminate marginal facts from those really relevant and impressions handed down from rational judgement.

A task that was really demanding in terms of administration and that many units coped with was accreditation or re-accreditation of particular study programmes. The endeavour of the Faculty management was focused on real proposals for changes to the postgraduate study at the Faculty or University.

In 2017 we continued to strive for improvement of financing of medical schools from the government, also considering the redistribution of the resources within the University. Quite rightly we enjoyed the well-balanced economy of the Faculty, which is also reflected in the wages policy.

In the sphere of science, one of the indicators of success of the Faculty is the RIV data base, which informs about the results of research, experimental development and innovations supported from public funds. According to these results as well we are the most efficient scientific institution in the sphere of medicine in the Czech Republic. Many of our academic staff members won support for their scientific activities from the programmes Primus, Unce or Progress, and some of them were admitted as members of prestigious boards and commissions, or were granted prizes for their work in outstanding scientific competitions. This, of course, also involves our students. An important asset is the annual Student Scientific Conference, whose format was innovated last year – and I dare say it way a step in the right direction. A crowning achievement then was our students’ victory at the national conference of student scientific papers.

In 2017, already the 30th annual course of the Third-Age University was finished successfully. A real pleasure for everyone was the reunion of our alumni at their Golden Graduation. Their links to the Faculty are promoted by the activities of the Alumni

Club. Another venerable anniversary was celebrated by the Department of Otorhinolaryngology, Head and Neck Surgery, First Faculty of Medicine, Charles University and University Hospital Motol, which has been in existence for 80 years. On the other hand, the unique Center for Advanced Preclinical Imaging (CAPI), whose potential and sustainability is a success not only on the national but also on international scale, only saw its first birthday. The first pre-clinical studies have been done here, testing for example properties of new promising drugs. We also managed to obtain grant support from the Ministry of Education, Youth and Sport as well as from other Czech and European grant projects. Another achievement was the Centre of Medical Simulations, part of Institute of Physiology, which increased the number of teaching hours and implemented v curriculum of medical simulation in tuition of some clinical departments.

Certainly, we would like to be in the public eye too, so the Faculty website had to meet the requirements for update and new looks, and following a discussion with representatives of particular target groups we fundamentally re-arranged it in terms of both structure and visual outlay. Our social networks are on the increase too, the Faculty's Facebook got more frequented and we also founded a new Faculty profile at Instagram. Further increase in the number of visitors to Wikilectures was seen too. Students welcomed the reconstruction of the cafeteria located in the yard of the Institute of Scientific Information. The firm to run the canteen was chosen in co-operation with our students too. Our further activities include launching the e-shop to sell the Faculty merchandise.

Dialogues of the academic staff with representatives of the media – MEDialogues – included topics like children palliative care, which ran like a thread through the whole past academic year. Thanks to the initiative of student organizations of our medical students and their volunteer activities, a charity calendar was created, and the entire yield was donated to children palliative care, provided in the home hospice Cesta domů (Way home).

Facades of the buildings of the Institutes of Anatomy and Physiology were renovated at last, and we also invested in upgrade of the dissection rooms and histology laboratories.

It is not all about novelties, however. The Faculty must also take efforts to observe the given rules and keep up to the high standards achieved. More and more we get convinced that being motivated and mounting on changes is not enough, so I really appreciate the efforts, hard work and indomitable energy of all colleagues, students and staff in actual implementation of changes for the better, and I use this occasion to express my appreciation. Thank you!



*Mgr. Dana Jurásková, Ph.D., MBA
Director of the General University Hospital in Prague*

Appreciation from a third party always pleases me as it is usually most objective. So I am really proud that in 2017 we managed to achieve the new accreditation at the Joint Accreditation Board and again proved that the services we provide to patients are highly professional and keeping the highest standards of quality and safety. Another fact that pleased me was the news that we again reached a high ranking in the national project Hospital 2017 Czech Republic. In this anonymized patient poll we took several top standings among teaching hospitals in the spheres of safety and patient satisfaction, both in inpatients and outpatients. And definitely positive is also the fact that in spite of growing costs we managed to keep the balanced budget again.

Scientific activities and research are one of the basic activities of the General University Hospital in Prague. They are mainly implemented in close co-operation with the First Faculty of Medicine of Charles University, health care facilities in the vicinity, institutes of the Academy of Sciences of the Czech Republic, Czech Technical University and other university-level schools. Apart from the hospital's own research designs, mainly projects supported by the Agency for Health Research of the Czech Republic are performed but also projects supported by the Grant and Technological Agency of the Czech Republic.

The Hospital is also successful in performance of clinical trials of medications and medical aids and supplies. In 2017, as many as 160 contracts of clinical evaluation were made. At the time, negotiations for 138 contracts of clinical trials under preparation are in course. The total of 432 studies are in progress in the General University Hospital at the moment.

In 2017, the second active stage of the project SECURE was still in progress. The project is supported under the EU programme Horizont 2020. Our 2nd Department of Medicine, participates in the project as one of the members of an international consortium. Another successful process is integration of the General University Hospital into the infrastructure network Czecriin, which was mainly established for the needs of academic researchers who want to implement their own clinical studies.

2017 was definitely a demanding year for the Hospital but it was a success in many respects too. Now I expect a similar year, as we are facing construction of the much needed emergency admission centre, implementation of GDPR, permanent lack of non-medical health professionals in the Czech Republic and many other problems. But if our relations within the General University Hospital as well as with our closest co-operators keep as excellent as they are, I am sure that we will be able to cope with the challenges of the year. I would like to thank you, all our co-operators, for being helpful and wish you all good health and positive attitude in this year.



*Prof. MUDr. Miroslav Zavoral, Ph.D.
Director of the Military University
Hospital Prague*

For the last nine years, Annual Reports or introductions to them have been my regular task but now it is the first time for the Annual Report of the First Faculty of Medicine of Charles University. Therefore, it is my duty and pleasure to address the staff, students and professional community connected with the Faculty, not just for me but also on behalf of the Military University Hospital Prague – the central hospital of the Army of the Czech Republic.

As it is the first time that I can express myself here, I would like to take hindsight of our common history. Co-operation between the First Faculty of Medicine of Charles University and the Military University Hospital Prague began in 1959, when the present Department of Neurosurgery and Neurooncology, First Faculty of Medicine, Charles University and Military University Hospital Prague, became a joint institute of the Central Army Hospital and the Faculty of General Medicine of Charles University, as they were called at that time. The later history saw further well-established positive co-operation, which led to creation of Department of Medicine, First Faculty of Medicine, Charles University and Military University Hospital Prague, and Department of Ophthalmology, First Faculty of Medicine, Charles University and Military University Hospital Prague in 2005, and some other joint units up to the present time total of seven.

Therefore, I do not doubt the firm base of co-operation and partnership of the two institutions, and of course it does not matter that the First Faculty of Medicine of Charles University is not the only faculty of Charles University that the Hospital runs joint institutions with or that the Hospital falls into the precinct of the Ministry of Defence and subsequently is closely related to the University of Defence and its Faculty of Military Health Sciences. Vice versa, I believe that those relations will create favourable conditions for further mutual enrichment in experience among all participants.

As for the year 2017, clinical units of the Military University Hospital Prague welcomed more than two thousand undergraduate students, and nearly one half of them were students of the First Faculty of Medicine. Here I would like to say I am convinced that the Hospital will always be a venue where students interested in gaining new knowledge and experience will meet a welcoming attitude and helpful treatment. Further, I would like to appreciate all our staff who take part in training of students and other co-operation with the First Faculty of Medicine. I believe that the partnership between the First Faculty of Medicine of Charles University and Military University Hospital Prague will successfully develop in the coming years as well, and let me wish good luck to everyone involved!



*JUDr. Ing. Miloslav Ludvík, MBA
Director of the University Hospital Motol*

Dear colleagues, students and friends,

This is the first time I was asked to address you as the director of the Motol University Hospital with a few words in the Annual Report of the First Faculty of Medicine of Charles University, as you are opening this yearly publication that summarizes the results, activities and achievements of the oldest medical school in our country.

Our Hospital has been interconnected with the First Faculty of Medicine of Charles University for several decades – and nowadays through as many as four joint clinical units located at the Motol University Hospital. All of them are clinical facilities that are held in high esteem, by both professional community and general public, for the high standards of quality, superspecialized care and professional and yet communicative approach to patients. And talking about the co-operation between the Motol University Hospital and the First Faculty of Medicine, I must not forget the good number of clinical studies in progress and a variety of professional seminars and congresses, either.

The Department of Otorhinolaryngology, Head and Neck Surgery, which is located at Motol, saw a change of management after the many years of successful operation under Prof. MUDr. Betka in January 2017. The new Head Prof. MUDr. Plzák continues his predecessor's activity even in European structures and won the respect, being elected the Secretary General of CEORL – Confederation of European Otorhinolaryngology-Head and Neck Surgery. Many other doctors published in prestigious reviewed journals or won awards for lectures or posters presented. Prof. MUDr. Eduard Zvěřina, DrSc., FCMA, was awarded by the Gold Memorial Medal of the J. E. Purkinje Czech Medical Society.

Another joint unit is the Department of Orthopaedics, First Faculty of Medicine, Charles University and University Hospital Motol, led by Prof. MUDr. Landor, which provides conservative and surgical care for adult patients in the whole scope of orthopaedic procedures, including traumatology and sepsis management. Last year, the Department performed more than 4,500 surgeries and also participates in research and development of new joint replacements in co-operation with partners from the Czech Republic and abroad.

The 3rd Department of Surgery, which is the biggest facility for chest surgery in the Czech Republic and the only centre to perform transplantations of lungs. In 2017, it completed 20 years of this programme, which is still in progress and development, particularly in the form of combined transplantation of the heart and lungs in co-operation with the Institute of Clinical and Experimental Medicine. Last year the Department under leadership of Prof. MUDr. Lischke performed the record-breaking number of 44 transplantations, of which 99 per cent were bilateral transplantations of lungs. In addition, the Department provides care in the whole scope of abdominal surgery etc.

The latest joint unit is the successful clinical department led by Prof. MUDr. Štulík, since January 2016 called the Department of Spondylosurgery, First Faculty of Medicine, Charles University and University Hospital Motol. This is a specialized clinical department with a nation-wide range for treatment of traumas and diseases of the vertebral column in children and adults and it also deals with management of tumours, degenerative disorders, inflammatory diseases or congenital and acquired deformities.

Dear friends, last year, as a minister of health, I had a chance to see whole the province in its complexity, diversity and sophistication. In this aspect I can say – without any exaggeration – I hold that the First Faculty of Medicine of Charles University is an institution which develops in accordance with modern trends even in spite of a good number

of adverse factors, connected with the low level of teachers' salaries and the general lack of educators. I believe that the alliance of the First Faculty of Medicine of Charles University and the University Hospital Motol will stay a guarantee of high standards of quality of care provided by educated medical professionals.



I am really pleased to be invited to contribute to the Annual Report of the First Faculty of Medicine of Charles University that you are just reading. Although the Thomayer Hospital was deprived of the title of a University Hospital, it still performs the duties that are connected with the function of a teaching hospital, and we really appreciate this close co-operation with the First Faculty of Medicine. However, I strongly believe that we will be included in the list of University Hospitals again one day.

The Thomayer Hospital is a health care facility with an immense catchment area, which includes approximately 450 thousand inhabitants of the South parts of Prague and the adjacent areas of the Central Bohemia region. Many of our units, in turn, are institutions of national importance. These are predominantly those clinical departments that closely co-operate with Charles University and its medical faculties. Last year, in 2017, all our units together performed 1.2 million out-patient examinations and admitted over 42 thousand in-patients. As any other hospital, however we have to face the problem of being understaffed, in particular, our facilities miss nurses working in shifts.

In the sphere of science and research, our Hospital experienced some changes last year, and the most important change was the establishment of a Scientific Council of Thomayer Hospital, whose chairwoman is the Head of the Department of Respiratory Medicine, First Faculty of Medicine, Charles University and Thomayer Hospital, Prof. MUDr. Martina Vašáková, Ph.D. Every year, about 50 new clinical evaluations are initiated in the Hospital, most often in fields such as oncology, respiratory medicine, gastroenterology or rheumatology. Publications of international importance include, for example, the study into idiopathic pulmonary fibrosis by Prof. Martina Vašáková's team or the studies aimed at the research of testicular tumours and the kidneys by Assoc. Prof. Tomáš Büchler's team.

In 2018 we are going to celebrate the 90th anniversary of our institution, by a special social event held at the premises of the Hospital, which is included in the National Heritage for its unique architecture. I strongly believe that together with the Ministry of Health we will find a way how funds for the investment can be found in order to repair the old pavilions and thus improve the environment for the patients as well as for the staff, and last but not least, for medical students from the medical faculties of Charles University.



The Na Bulovce Hospital provides outpatient as well as inpatient care – basic, specialized and superspecialized diagnostic and therapeutic care including the necessary prophylactic measures – for both adults and children. We managed in restoring the highest national accreditation SAK and taking the ten position in standing of the most important employers in health services in the Czech Republic. At present, the Na Bulovce Hospital has 2,100 employees, including 370 doctors and 790 nurses. At the premises of the Hospital there are 18 buildings, housing 36 clinical and other departments. The Hospital possesses 1,001 patient beds. Per year 560,000 outpatients and 45,000 in-patients are treated in the Hospital. At the same time, the Na Bulovce Hospital is the most frequent destination for rescue ambulances in Prague to transport patients to.

Considering the complexity of care and quantity of interventions, the Na Bulovce Hospital can be looked upon as a health care facility of crucial importance not only for the capital city but also nationwide. Although the name of the Hospital does not contain the word “teaching”, we assist in training of doctors-to-be to our maximum capacity. Ten of our clinical departments take students of all three medical schools in Prague for stays and tuition, and seven of them – Department of Obstetrics and Gynaecology, Department of Surgery, Department of Infectious, Parasitic and Tropical Diseases, Department of Radiology, Department of Orthopaedics, Department of Plastic Surgery, and Institute of Radiation Oncology – are directly affiliated with the First Faculty of Medicine of Charles University. I believe that this interconnection is a mutual advantage but, above all, an asset for the patients. Therefore, we want to continue being a hospital which is open to students of medical faculties, the prospective doctors.

We live in times when young graduates of medical schools have a lot of options when choosing the health care facility they decide to work in. For sure, this is also facilitated by the fact that the medical profession is constantly seen by the general public as the most prestigious occupation. Understandably, it is also connected with the environment of competitiveness, which involves the factor of jobs offered abroad as well. Therefore, I am really glad to see the graduates working in our medical teams. This not only promotes the esteem of the Hospital but also, and above all, helps the graduates develop their knowledge and skills, as the Na Bulovce Hospital is a place where many renowned experts in their medical specialties willing to share their experience with students and graduates. And because there are things to continue, places to study and people to learn from, I have no fear for the future and professional qualities of prospective doctors.

MUDr. Andrea Vrbovská, MBA

Director of the Na Bulovce Hospital (15th January 2018)



*Prof. MUDr. Přemysl Strejč, DrSc.
Chairman of Academic Senate
of the First Faculty of Medicine of Charles University*

The Academic Senate of the First Faculty of Medicine of Charles University held its sessions in the calendar year of 2017 nine times, one of these sessions being extraordinary. In the usual manner, the Dean of the Faculty, Prof. MUDr. Aleksi Šedo, DrSc. presented topical information, which members of the Academic Senate responded to in discussion. Throughout the year the Senate members were involved in the course of events at the Faculty, receiving and dealing with a good number of initiatives. During the year 2017, the Academic Senate particularly focused on the following:

Discussion of regulations, proposals of changes and forwarding them to the Legislative Board of Charles University to be passed. In particular, it was about the Rules of the system for provision of internal evaluation of quality at Charles University, the internal regulation Rules for Organization of Studies at the First Faculty of Medicine, Rules for Awarding Scholarships and Bursaries at the First Faculty of Medicine, Rules of Admissions Procedure at the First Faculty of Medicine, Disciplinary Code for Students of the First Faculty of Medicine, Code of election of the Academic Senate of the First Faculty of Medicine, Code of proceedings of the Academic Senate of the First Faculty of Medicine, Code of proceedings of the Scientific Board of the First Faculty of Medicine, Conditions of Admissions Procedure of Doctoral Study Programmes for the Academic Year 2018–2019 with the schedule of terms of admissions procedures.

Election to the Academic Senate of Charles University. The Academic Senate of the First Faculty of Medicine took into account that on its session of 2nd May 2017 the presidium of the Academic Senate of Charles University, under Article 2 Subsection 1 of Code of Election of the Academic Senate of Charles University, called the election of the Academic Senate for the period of 2018–2021. Then calling the election of delegates for the First Faculty of Medicine in the Academic Senate of Charles University for 21st and 22nd November 2017 followed as well as appointment of the partial electoral board. As winners of the election, members of the Academic Senate of Charles University were declared: for the academic staff, J. Raboch a S. Štípek, while the students will be represented by J. Holub and M. Pehr. Appreciation was expressed to the chairman and members of the electoral board.

Financing of the Faculty was dealt with several times. A fair number of disputing guests from our academic community as well as our colleagues from the medical faculty in Plzeň took part in sessions of the Senate. Spectabilis Prof. MUDr. A. Šedo, DrSc., presented an analysis of the situation in this area. The problem of financing has constantly been dealt with by the Faculty and its Academic Senate in the past four years. The subsidies for the First Faculty of Medicine and other medical faculties of Charles University have been stagnating or shrinking. In several past years the Academic Senate of the First Faculty of Medicine of Charles University has repeatedly asked the Rector Office for open figures and discussion of parameters and the actual practical impact of the calculations. According to the diagram of 2016 it finds that the differences between subsidies to particular faculties of the University are increasing. After the distribution of the finance to particular faculties, stagnation or decrease is seen in case of medical faculties while subsidies for many faculties as well as the University as a whole are increasing. This serious matter requires detailed discussion, which the management of the First Faculty of Medicine made the first move for. Then, the executive of Charles University, MUDr. Milan Prášil, MBA, took floor in response to the information of discontentment of the Faculty about the distribution of finance and stated that if the University had only applied the principles of funding set by the Ministry of Education, Youth and Sport, the finance of humanitarian faculties would be affected. Now it is the First Faculty of Medicine that loses most. The principles should be compromising and acceptable for all. Spectabilis Prof. MUDr. A. Šedo, DrSc., also pointed out that it was necessary to distribute the finance according to the actual rational assets rather than

merely by the "social" approach. The executive of Charles University, MUDr. Milan Prášil, MBA, then referred to the discussion forum on 12th December 2017. In conclusion, the following resolution was adopted: The Academic Senate of the First Faculty of Medicine of Charles University points out that at the time when, considering the health state of the population, the need for graduates of medical schools is growing, the relative subsidies for medical faculties within the budget of Charles University are constantly sinking. The Academic Senate of the First Faculty of Medicine of Charles University requests open negotiations at the level of the Rector's Board, Economic Board of the Academic Senate of Charles University and the Academic Senate of Charles University about the principles of distribution of financial resources at Charles University after 2018, which should be fair and transparent. We also ask the academic senates of the other medical faculties for support of this initiative.

By its resolution according to Article 10 Subsection 7 of the Constitution of Charles University, the Academic Senate of the First Faculty of Medicine unanimously proposed Prof. MUDr. Tomáš Zima, DrSc., as a candidate for the position of the Rector of Charles University, after the candidate had answered a fair number of questions concerning, in particular, methods of evaluation of scientific activities, problems of correlation of positive assessment of quality and the finance provided to the First Faculty of Medicine, or the worrying rumours about the sinking subsidies for medical faculties. The Rector of Charles University, Prof. MUDr. T. Zima, DrSc., admitted that the system was not really transparent and said it would be cultivated.

At the session of the Academic Senate of the First Faculty of Medicine, also another candidate for the position of the Rector of Charles University, Prof. RNDr. Jan Černý, Ph.D., took the floor to present his programme. Among other, he said that now there was an opportunity to use the changes in the mechanism of accreditation and merge small fields of study into bigger ones, and to share the staff. Financing is a neuralgic point at the University, both for payers and payees.

The project of Campus Albertov is implemented within the investment programme which expires in 2017. The project will be transferred to the new programme 133 210, which the Ministry of Education, Youth and Sport requires contribution from the investor for. The Academic Senate approved on making an amendment to the contract of partnership between Charles University, the Faculty of Natural Science, the First Faculty of Medicine and the Faculty of Mathematics and Physics of 30th June 2014 of construction of Campus Albertov, which provides the distribution of costs and participation of Charles University in implementation of the investment project of the Ministry of Education, Youth and Sport 133 220 at the proposed sum of CZK 50.4M in the proposed ratio 50 % the University, 30 % the Faculty of Natural Science, 10 % the First Faculty of Medicine and 10 % the Faculty of Mathematics and Physics.

The Academic Senate of the First Faculty of Medicine of Charles University supported the manifest of the Academic Senate of Masaryk University in Brno, rejecting the proposal of legalization of health specialties therapist and specialist in traditional Chinese medicine.

In conclusion we can say that the sessions of the Senate, however complex they may have been, were held in a friendly and co-operative atmosphere. I owe thanks to all members of the Academic Senate for their work in the past year, particularly so to the vice-chairwoman of the Senate MUDr. Hana Dittrichová, to the leader of the student section, and to chairpersons and members of the senate boards. Special thanks to the Dean of the First Faculty of Medicine of Charles University Prof. MUDr. Aleksi Šedo, DrSc., both for his relentless work for the benefit of the Faculty and his contribution to the consensual atmosphere of the sessions, Ing. Eva Soubustová, MBA, the Bursar of the Faculty, for her helpful attitude towards the Senate, the chairman of the partial electoral board MUDr. Pavel Šnajdr, Ph.D., and the members of the board.

COMPOSITION OF THE ACADEMIC SENATE (FOR THE TERM OF 2016–2019)

Chairman: Prof. MUDr. Přemysl Strejc, DrSc.

Vice-Chairman: MUDr. Hana Dittrichová

(since 6th June 2017; Senate membership suspended between 6th June and 9th October 2017)

Teachers' representatives:

Prof. MUDr. Jan Bartoniček, DrSc.

Prof. MUDr. Petr Broulík, DrSc.

MUDr. Jan Bříza, CSc., MBA

Assoc. Prof. MUDr. Vilém Danzig, Ph.D.

Prof. MUDr. Zdeněk Krška, DrSc.

Prof. MUDr. Alois Martan, DrSc.

Prof. MUDr. Pavel Pafko, DrSc.

Prof. MUDr. Jiří Raboch, DrSc.

Prof. MUDr. Karel Smetana, DrSc.

Prof. MUDr. Přemysl Strejc, DrSc.

Prof. MUDr. Stanislav Štípek, DrSc.

Assoc. Prof. MUDr. Petra Tesařová, CSc.

Assoc. Prof. MUDr. Michal Vrablík, Ph.D.

Assoc. Prof. MUDr. Lukáš Zlatohlávek, Ph.D.

Assoc. Prof. MUDr. Jan Živný, Ph.D.

Students' representatives:

Jan Bartoška
 Ing. Mgr. Lukáš Dibdiak
 MUDr. Hana Dittrichová
 David Kulišiak
 PaedDr. Josef Marcoň
 Assoc. Prof. MUDr. Ondřej Naňka, Ph.D.
 Alžběta Nováková

David Novotný
 Tomáš Parvív Mirchi
 Martin Pehr
 Assoc. Prof. MUDr. Vladimír Riljak, Ph.D.
 Hedvika Kaplánová (Švehlová)
 Petr Tišer
 František Vaňásek
 MUDr. Martin Vejražka, Ph.D.

MANAGEMENT OF THE FACULTY

Dean: Prof. MUDr. Aleksi Šedo, DrSc.

Vice-Deans:

Prof. MUDr. Jana Dušková, DrSc., MBA,
Vice-Dean for Entrance Procedures
 Assoc. Prof. MUDr. René Foltán, Ph.D.,
Vice-Dean for Stomatology / Dentistry
 Prof. MUDr. Tomáš Hanuš, DrSc.,
Vice-Dean for Clinical Education
 Prof. MUDr. Otomar Kittnar, CSc., MBA,
Vice-Dean for International Students and Social Affairs
 (till October 2017)
 Prof. MUDr. David Sedmera, Ph.D., DrSc.,
Vice-Dean for International Students and Social Affairs
 (since 3rd November 2017)

Prof. RNDr. Libuše Kolářová, CSc.,
Vice-Dean for Grant Projects
and Postgraduate Doctoral Studies
 Ing. Ivan Mikula, Ph.D.,
Vice-Dean for Development of the Faculty
 Prof. PhDr. Michal Miovský, Ph.D.,
Vice-Dean for Non-Medical Study Programmes
 Assoc. Prof. MUDr. Martin Vokurka, CSc.,
Vice-Dean for Students' Affairs and Theoretical
and Pre-Clinical Education
 Prof. MUDr. Aleš Žák, DrSc.,
Vice-Dean for Scientific Activities

Members of Dean's Office Board:

Prof. MUDr. Jan Betka, DrSc.
 Prof. MUDr. Zdeněk Krška, DrSc.
 Prof. MUDr. Alois Martan, DrSc.
 Prof. MUDr. Pavel Martásek, DrSc.
 Prof. MUDr. Karel Smetana, DrSc.
 Ing. Eva Soubustová, MBA

Prof. MUDr. Přemysl Strejc, DrSc.
 Prof. MUDr. Jan Škrha, DrSc., MBA
 Prof. MUDr. Otomar Kittnar, CSc., MBA
 MUDr. Martin Vejražka, Ph.D.
 MUDr. Jan Živný, Ph.D.

SCIENTIFIC BOARD

Předseda: Prof. MUDr. Aleksi Šedo, DrSc.

Prof. MUDr. Vladimír Bencko, DrSc.
 Prof. MUDr. Vladimír Beneš, DrSc.
 Prof. MUDr. Jan Betka, DrSc.
 Prof. Mgr. Karel Černý, Ph.D., (since 1st September 2016)
 Prof. MUDr. Jan Daneš, CSc.
 Prof. MUDr. Pavel Dundr, Ph.D., (since 1st September 2016)
 Prof. MUDr. Pavel Dunjl, DrSc.
 Prof. MUDr. Jana Dušková, DrSc., MBA
 Assoc. Prof. MUDr. René Foltán, Ph.D.
 Prof. MUDr. Miloš Grim, DrSc.
 Prof. MUDr. Zdeněk Hájek, DrSc.
 Prof. MUDr. Tomáš Hanuš, DrSc.,
 (removed from office by 9th October 2017)
 Prof. MUDr. Jarmila Heissigerová, Ph.D., MBA,
 (since 1st September 2016)
 Assoc. Prof. MUDr. David Hoskovec, Ph.D.,
 (since 7th November 2017)

Prof. MUDr. Otomar Kittnar, CSc., MBA
 Assoc. Prof. MUDr. Radim Kočvara, CSc.,
 (since 10th October 2017)
 Prof. RNDr. Libuše Kolářová, CSc.
 Prof. MUDr. Ivan Landor, CSc., (since 1st September 2016)
 Prof. MUDr. Robert Lischke, Ph.D.
 Prof. MUDr. Soňa Nevšimalová, DrSc.
 Prof. MUDr. Hana Papežová, CSc.
 Prof. MUDr. Karel Pavelka, DrSc.
 Assoc. Prof. MUDr. PhDr. Jan Payne, Ph.D.
 Prof. MUDr. Daniela Pelclová, CSc.,
 (removed from office by 9th October 2017)
 Prof. MUDr. František Perlík, DrSc.
 Prof. MUDr. Luboš Petruželka, CSc.
 Prof. MUDr. Evžen Růžička, DrSc.
 Prof. MUDr. Štěpán Svačina, DrSc., MBA
 Assoc. Prof. MUDr. Marek Šetina, CSc.
 Prof. MUDr. Jiří Štork, CSc.
 Assoc. Prof. MUDr. Jan Šváb, CSc.,

(removed from office by 6th November 2017)

Prof. MUDr. Vladimír Tesař, DrSc.

Prof. MUDr. Marek Trněný, CSc.

Prof. MUDr. Libor Vítek, Ph.D.

Assoc. Prof. MUDr. Martin Vokurka, CSc.

Assoc. Prof. MUDr. Sergej Zacharov, Ph.D.,

(appointed on 10th October 2017)

Prof. MUDr. Jiří Zeman, DrSc.

Prof. MUDr. Aleš Žák, DrSc.

External members of the Scientific Board:

Prof. RNDr. Pavel Anzenbacher, DrSc.

RNDr. Martin Bilej, DrSc.

Prof. MUDr. Radim Brdička, DrSc.

Prof. MUDr. RNDr. Miroslav Červinka, CSc.

MUDr. Ján Dudra, Ph.D.

Assoc. Prof. MUDr. Vojtěch Hainer, CSc.

Prof. RNDr. Milan Kodíček, CSc.

Prof. MUDr. Milan Kolář, Ph.D.

Prof. MUDr. Zdeněk Kolář, DrSc.

MUDr. Jan Kopecký, DrSc.

RNDr. Jaroslav Kuneš, DrSc.

Prof. MUDr. Jindřich Mourek, DrSc.

RNDr. Šárka Němečková, DrSc.

MUDr. Tom Philipp, Ph.D.

Prof. Ing. Rudolf Poledne, CSc.

Assoc. Prof. RNDr. Ondřej Slabý, Ph.D.

Prof. MUDr. Martin Smrčka, Ph.D.

Prof. MUDr. Josef Syka, DrSc.

Prof. MUDr. Pavel Šlampa, CSc.

Assoc. Prof. MUDr. Jan Veverka, CSc.

Prof. Ing. Jiří Witzany, DrSc.

Assoc. Prof. MUDr. Pavel Zonča, Ph.D.

DEVELOPMENT OF THE FACULTY, ORGANIZATIONAL CHANGES AND COMPOSITION OF THE STAFF



Ing. Ivan Mikula, Ph.D.
Vice-Dean for Development of the Faculty

Unlike the years before, when new Faculty units and infrastructures for science, research and education were created, such as BIOCEV or CAPI, 2017 was characterized, above all, by patient meticulous work aimed at getting these recently built centres into the gear of the Faculty. The period of building was superseded by the period of maintenance for some time.

Perhaps one of the most important aspects is what we call sustainability of projects that were supported from operational funds of EU, which means meeting some specific criteria and more or less compulsory indicators meant to prove future viability of these projects to the sponsor of the finance. This is not only a prerequisite provided by the sponsor in all projects financed from operational programmes but also a key aspect for the Faculty, as new infrastructures, built for millions and hundreds of millions, also involve the necessity of covering new overhead costs of their operation.

In this respect we can say that the Faculty manages to meet the indicators of sustainability not only from the view of superior institutions (in particular Ministry of Education, Youth and Sport) but also, which is even more important for us, in the aspect of the Faculty's needs.

During the two years of its existence, BIOCEV has become an important and renowned centre of excellence research, at least in the national scale. Our institute BIOCEV – the First Faculty of Medicine of Charles University takes an important share in that. Perhaps the most tale-telling fact from the Faculty's view is that ca 20 percent of the finance that the Faculty obtained from grants for science and research in 2017 (Grant Agency of the Czech Republic, Agency for Health Research, etc.) is bound to our BIOCEV teams. In addition, we also manage to obtain more resources through contract research, which is very important considering the future.

The other big project in the recent years – CAPI – is gradually establishing among the top technological institutions of preclinical imaging not only in the national scale but more and more internationally as well. So far they have been successful rather in scientific co-operation in the academic sphere but in future it will be necessary to considerably increase the levels of contractual research for commercial subjects too.

The biggest recent project in the pipeline – Campus Albertov – was finalized in very intensive co-operation with the winner of the architecture competition, who was the author of the project as well, and that was how the project documents are prepared for the construction, which will be launched in the next year. At the same time, equally intensive preparations for the construction are being made at many levels, ranging from negotiations with national heritage authorities or energy suppliers to the solution of direct connection between the building of the Biocentre with the opposite Institute of Immunology and Microbiology, which is a very important detail for the Faculty.

Perhaps the most important resource of finance for development projects at present are European structural funds. This year, subsidies for big calls were distributed from the Operational Programme that is most important for us – Science, Research and Education (OP VVV). Regrettably, none of our big projects was supported, e.g. the whole-faculty project of simulator training, but we were more successful with projects involving smaller amounts of finance. In total, the Faculty won almost 100 million for its projects during that year, and another nearly 100 million is to be confirmed by official decision yet. In 2018, which in the aspect of the schedule of the operational period will be practically the last year for extensive projects to be implemented, we are going to try to win support for other projects aiming at the development of the Faculty, depending on the calls announced.

In terms of organizational structure of our Faculty, there was only one change in 2017, as the Institute of Inherited

Metabolic Disorders merged the clinical Department of Paediatric and Adolescent Medicine, since 1st September 2017 under the title Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague.

Survey of changes in management of organizational units in 2017

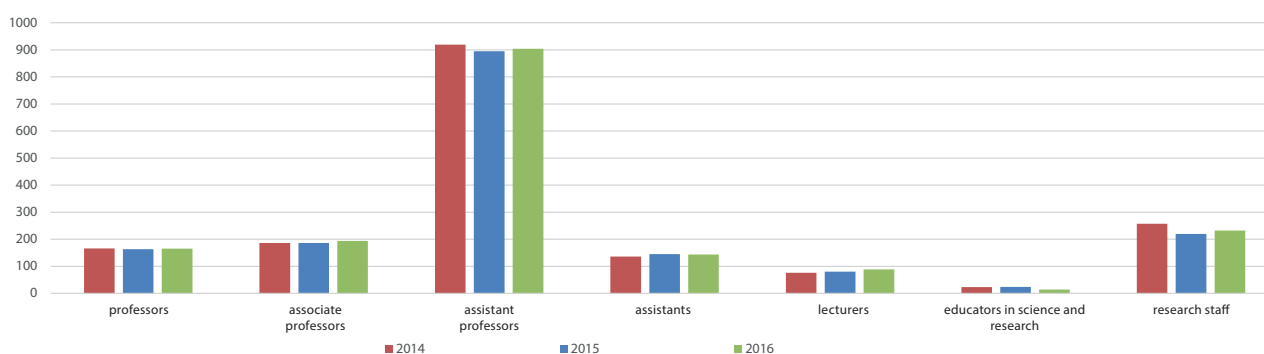
Unit	New Head / manager
11620 - Department of Radiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Assoc. Prof. MUDr. Andrea Burgetová, Ph.D., MBA
11650 - Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	Assoc. Prof. MUDr. Tomáš Honzík, Ph.D.
11436 - Department of Plastic Surgery, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	MUDr. Martin Molitor, Ph.D.
11862 - Department of Ophthalmology, First Faculty of Medicine, Charles University and Military University Hospital Prague	Assoc. Prof. MUDr. Jiří Pašta, CSc.
11730 - Department of Otorhinolaryngology, Head and Neck Surgery, First Faculty of Medicine, Charles University and University Hospital Motol	Prof. MUDr. Jan Plzák, Ph.D.
11390 - Institute of Sexology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Prof. MUDr. Jiří Raboch, DrSc.
11850 - Department of Infectious and Tropical Diseases, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	Assoc. Prof. MUDr. Hanuš Rozsypal, CSc.
11701 - Department of Spindylosurgery, First Faculty of Medicine, Charles University and University Hospital Motol	prof. MUDr. Jan Štulík, CSc.
11560 - Department of Occupational Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	Assoc. Prof. MUDr. Sergej Zacharov, Ph.D.
11437 - Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	Assoc. Prof. MUDr. Michal Zikán, Ph.D.

Number of scientific and educational staff between 2015 and 2017

	2015		2016		2017	
	actual number of staff	average converted	actual number of staff	average converted	actual number of staff	average converted
total	1763	763,485	1713	732,03	1742	735,222
professors	166	108,212	163	108,858	165	109,084
associate professors	186	109,833	186	107,061	194	106,355
assistant professors	919	340,381	895	333,363	904	329,762
assistants	136	39,313	145	40,848	144	41,853
lecturers	76	20,315	80	21,905	89	25,625
educators in science and research	23	19,78	24	17,382	14	17,42
research staff	257	125,651	220	102,613	232	105,123

The actual number of staff is always stated by 31st December of the respective year.

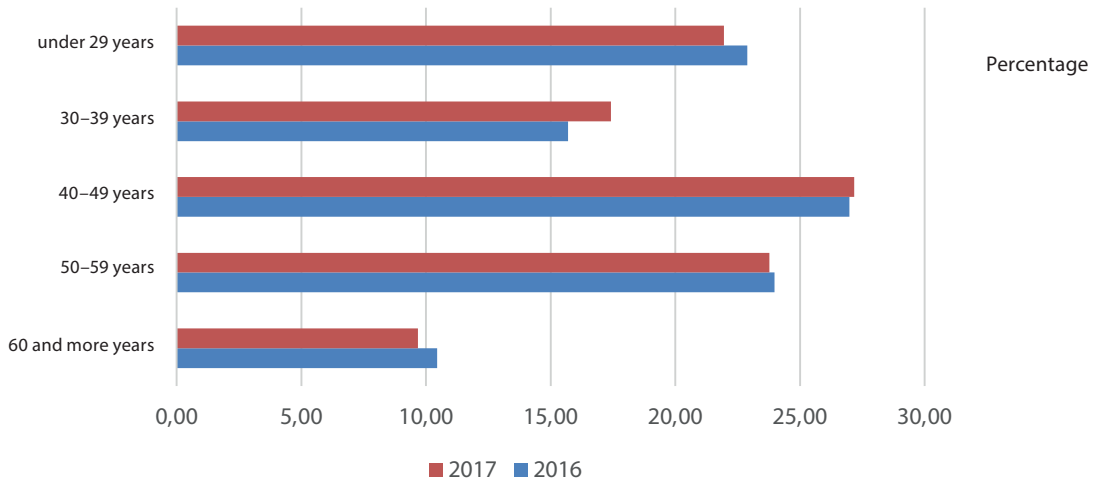
Composition of scientific & educational staff—actual numbers



Survey of composition of the staff in 2016–2017 by age

Age	Percentage	
	2016	2017
under 29 years	10,45	9,68
30–39 years	23,98	23,77
40–49 years	26,98	27,18
50–59 years	15,70	17,42
60 and more years	22,89	21,95

Survey of composition of the staff by age





In 2017 the Scientific Board of the First Faculty of Medicine performed 9 procedures for appointment to professor posts, all of which were approved and proposals were passed to the Rector Office of Charles University for further procedures. The Scientific Board of Charles University in Prague discussed 5 proposals from the First Faculty of Medicine; all the proposals were approved and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures. In 2017 the President of the Czech Republic appointed 4 new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board of the First Faculty of Medicine performed 16 habilitation procedures. In 2017, the Rector of Charles University appointed 17 Associate Professors 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 between 1995 and 2017

Professors												
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	5	7	1	5	0	7	7	7	13	11	14	15
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
	13	7	9	7	12	19	6	9	7	6	9	
Associate Professors												
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	8	11	14	12	3	10	15	16	16	16	18	17
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
	17	17	12	18	7	16	18	15	10	17	16	

Professors appointed in 2017

Name, establishment	Field	Scientific Board of Faculty	Scientific Board of University	Appointed with the effect from
Assoc. Prof. Ing. Stanislav Kmoch, CSc. Institute of Inherited Metabolic Disorders, First Faculty of Medicine, Charles University and General University Hospital in Prague	Medical biology and genetics	31 May 2016	24 Nov 2016	19 June 2017
Assoc. Prof. MUDr. Pavel Dřevínek, Ph.D. Institute of Medical Microbiology of the Second Faculty of Medicine, Charles University and University Hospital Motol; Department of Paediatrics, Second Faculty of Medicine, Charles University and University Hospital Motol	Medical microbiology	28 June 2016	24 Nov 2016	19 June 2017

Assoc. Prof. MUDr. Jiří Sláma, Ph.D. Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Obstetrics and gynaecology	31 Jan 2017	27 Apr 2017	13 Dec 2017
Assoc. Prof. MUDr. Jarmila Heissigerová, Ph.D. Department of Ophthalmology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Ophthalmology	28 Feb 2017	25 May 2017	13 Dec 2017

PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2017



Assoc. Prof. MUDr. Jiří Sláma, Ph.D.

Department of Obstetrics and Gynaecology,
 First Faculty of Medicine, Charles University
 and General University Hospital in Prague
 Appointment procedure in the field of:

Obstetrics and gynaecology

Scientific Board of the First Faculty of Medicine of Charles
 University on: 21 Jan 2017

Title of the lecture: Selected chapters of diagnosis
 and treatment of precanceroses and carcinoma of the cervix
 Scientific Board of Charles University on: 27 Apr 2017
Appointed with the effect from: 13 Dec 2017

Assoc. Prof. MUDr. Jarmila Heissigerová, Ph.D.

Department of Ophthalmology, First Faculty of Medicine,
 Charles University and Military University Hospital Prague
 Appointment procedure in the field of: **Ophthalmology**
 Scientific Board of the First Faculty of Medicine of Charles
 University on: 28 Feb 2017

Title of the lecture: Autoimmune uveitis and scope of its
 management

Scientific Board of Charles University on: 25 May 2017
Appointed with the effect from: 13 Dec 2017

Assoc. Prof. MUDr. Zdeněk Kleibl, Ph.D.

Institute of Biochemistry and Experimental Oncology,
 First Faculty of Medicine, Charles University
 Appointment procedure in the field of: **Medical chemistry
 and biochemistry**

Scientific Board of the First Faculty of Medicine of Charles
 University on: 30 May 2017

Title of the lecture: Study into inherited predisposition
 to breast and ovary carcinoma
Scientific Board of Charles University on: 30 Nov 2017

Assoc. Prof. MUDr. Ivan Netuka, Ph.D.

2nd Department of Surgery – Department of Cardiovascular
 Surgery, First Faculty of Medicine, Charles University and
 General University Hospital in Prague;
 Institute of Clinical and Experimental Medicine
 Appointment procedure in the field of: **Cardiosurgery**
 Scientific Board of the First Faculty of Medicine of Charles
 University on: 30 May 2017

Title of the lecture: Importance and specific characteristics
 of mechanic heart support with full magnetic levitation
 in treatment of advanced cardiac failure
Scientific Board of Charles University on: 26 Oct 2017

Assoc. Prof. RNDr. Ondřej Slabý, Ph.D.

Masaryk Oncological Institute;
 Faculty of Natural Science of Masaryk University;
 Central-European Institute of Masaryk University;
 Institute of Biochemistry and Experimental Oncology,
 First Faculty of Medicine, Charles University
 Appointment procedure in the field of: **Medical chemistry
 and biochemistry**

Scientific Board of the First Faculty of Medicine of Charles
 University on: 27 June 2017

Title of the lecture: Use of microRNA in diagnosis and treatment of tumour diseases

Scientific Board of Charles University on: 26 Oct 2017

Assoc. Prof. MUDr. Václav Báča, Ph.D.

Institute of Anatomy, Third Faculty of Medicine, Charles University; College of Polytechnics Jihlava

Appointment procedure in the field of: **Anatomy, histology and embryology**

Scientific Board of the First Faculty of Medicine of Charles University on: 31 Oct 2017

Title of the lecture: Clinical anatomy in the context of interdisciplinary medical research and education

Scientific Board of Charles University on: 25 Jan 2018

Assoc. Prof. MUDr. et MUDr. René Foltán, Ph.D.

Department of Stomatology, First Faculty of Medicine, Charles University and General University Hospital in Prague

Appointment procedure in the field of: **Stomatology**

Scientific Board of the First Faculty of Medicine of Charles University on: 31 Oct 2017

Title of the lecture: New trends in orthognathic surgery

Scientific Board of Charles University on: 22 Feb 2018

Assoc. Prof. MUDr. Zdeněk Klézl, CSc.

1st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague; Department of Orthopaedics and Traumatology, Third Faculty of Medicine, Charles University and Teaching Hospital Na Vinohradech; Trauma-Orthopaedic Dept. RDH University of Nottingham, AOSpine Faculty

Appointment procedure in the field of: **Surgery**

Scientific Board of the First Faculty of Medicine of Charles University on: 28 Nov 2017

Title of the lecture: Recent scope of augmentation of the vertebral column with bone cement

Scientific Board of Charles University on: 22 Feb 2018

Assoc. Prof. MUDr. Michal Vrablík, Ph.D.

3rd Department of Medicine - Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague

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

Scientific Board of the First Faculty of Medicine of Charles University on: 12 Dec 2017

Title of the lecture: Genetics of primary dyslipidaemias and the risks of atherosclerosis

Scientific Board of Charles University on: 25 Jan 2018

ASSOCIATE PROFESSORS APPOINTED IN 2017

Name, institution	Field	Title of the thesis	Defended at Scientific Board of the Faculty	Appointed with the effect from
MUDr. Josef Kořínek, Ph.D. 1 st Department of Medicine – Department of Haematology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Internal medicine	Echocardiographic assessment of myocardial deformation in acute and chronic ischaemia and chronic cardiac failure	29 Nov 2016	1 Jan 2017
MUDr. David Hoskovec, Ph.D. 1 st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Surgery	Position of surgery in recent multimodal therapy of gastric carcinoma	29 Nov 2016	1 Jan 2017
MUDr. Sergej Zacharov, Ph.D. Department of Occupational Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	Occupational medicine	Challenges of mass methanol poisoning outbreaks: Diagnosis, treatment, and prognosis of long-term health sequelae	29 Nov 2016	1 Jan 2017
Ing. Drahomíra Springer, Ph.D. Institute of Medical Biochemistry and Laboratory Diagnostics of Charles University – the First Faculty of Medicine, and the General University Hospital	Clinical biochemistry	Selected laboratory markers of systemic inflammation and their interpretation	13 Dec 2016	1 Feb 2017
MUDr. Helena Lahoda Brodská, Ph.D. Institute of Medical Biochemistry and Laboratory Diagnostics of Charles University – the First Faculty of Medicine, and the General University Hospital	Clinical biochemistry	Selected laboratory markers of systemic inflammation and their interpretation	13 Dec 2016	1 Feb 2017
MUDr. Ondřej Měšťák, Ph.D. Department of Plastic Surgery, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	Plastic surgery	Plastic and reconstructive surgery of abdominal wall	31 Jan 2017	1 Apr 2017

MUDr. Vladimír Riljak, Ph.D. Institute of Physiology, First Faculty of Medicine, Charles University	Medical physiology	Study into mechanisms and consequences of action of excitotoxic substances in the central nervous system	28 Feb 2017	1 May 2017
MUDr. Martin Magner, Ph.D. Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	Paediatrics	Clinical manifestation of mitochondrial disease in children	28 Mar 2017	1 June 2017
MUDr. Petr Pechl, Ph.D. Institute of Clinical and Experimental Medicine; 1 st Department of Medicine – Department of Haematology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Internal medicine	Catheter ablation of ventricular tachycardia in patients with structural heart disease	28 Mar 2017	1 June 2017
Department of Ophthalmology , Third Faculty of Medicine, Charles University and Teaching Hospital Na Vinohradech; Eye Centre Karlovy Vary, Somich, s.r.o.	Ophthalmology	Modern transplantation of DMEK-S type corneal endothelium: long-term results, incidence and frequency of complications	25 Apr 2017	1 July 2017
MUDr. Alena Paříková, Ph.D. Institute of Clinical and Experimental Medicine; Department of Nephrology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Internal medicine	Physiology of peritoneal transportation and its alteration during the treatment with peritoneal dialysis	30 May 2017	1 July 2017
MUDr. Miroslav Durila, Ph.D. Department of Anaesthesiology, Resuscitation and Intensive Medicine, Second Faculty of Medicine and University Hospital Motol	Anesthesiology and resuscitation	Importance of viscoelastic methods of thromboelastography/rotation thromboelastometry (TEG/ROTEM) at the Intensive Care Unit	27 June 2017	1 Oct 2017
MUDr. Ing. Lukáš Lambert, Ph.D. Department of Radiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Radiology	New methods to reduce exposure to radiation on computer tomography scanning and their application in clinical practice	31 Oct 2017	1 Dec 2017
Ing. Daniel Šuta, Ph.D. Institute of Medical Biophysics and Medical Informatics, Third Faculty of Medicine, Charles University; Institute of Experimental Medicine of Academy of Sciences of Czech Republic; Czech Technical University	Medical biophysics	Processing of time and frequency characteristics of sound in the auditory system	19 Sep 2017	1 Dec 2017
MUDr. Michal Tužek, Ph.D. Department of Orthopaedics, First Faculty of Medicine, Charles University and Military University Hospital Prague	Orthopaedics	Fracture of the scapula	19 Sep 2017	1 Dec 2017
MUDr. Lukáš Zlatohlávek, Ph.D. 3 rd Department of Medicine – Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague	Internal medicine	Observation of scope of management of risk factors of preclinical atherosclerosis since childhood	19 Sep 2017	1 Dec 2017
MUDr. David Michalský, Ph.D. 1 st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	Surgery	Laparoscopic plication of the stomach as a standard bariatric operation	19 Sep 2017	1 Dec 2017

HABILITATION PROCEDURES TO APPOINT ASSOCIATE PROFESSORS, PASSED IN THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE AT CHARLES UNIVERSITY IN 2017

MUDr. Ondřej Měšťák, Ph.D.

Department of Plastic Surgery, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague

Habilitation procedure in the field of: **Surgery**

Scientific Board of the First Faculty of Medicine of Charles University on: 31 Jan 2017

Title of the lecture: Reconstruction of abdominal wall

Appointed with the effect from 1 Apr 2017

MUDr. Vladimír Riljak, Ph.D.

Institute of Physiology, First Faculty of Medicine, Charles University

Habilitation procedure in the field of: **Medical physiology**

Scientific Board of the First Faculty of Medicine of Charles University on: 28 Feb 2017

Title of the lecture: Study into mechanisms and consequences of action of excitotoxic substances in the central nervous system

Appointed with the effect from 1 May 2017

RNDr. Peter Gál, Ph.D. et Ph.D.

Farmaceutical Faculty of Comenius University in Bratislava; Institute of Pharmacology of P. J. Šafárik Medical Faculty in Košice

Habilitation procedure in the field of:

Medical biology and genetics

Scientific Board of the First Faculty of Medicine of Charles University on: 28 Mar 2017

Title of the lecture: Biology of wound healing: differences in experimental therapy of skin incisions and excisions

The procedure was suspended by the decision of the Scientific Board of the First Faculty of Medicine on 28 Mar 2017.

MUDr. Petr Peichl, Ph.D.

Institute of Clinical and Experimental Medicine; 1st Department of Medicine – Department of Haematology, First Faculty of Medicine, Charles University and General University Hospital in Prague

Habilitation procedure in the field of: **Internal medicine**

Scientific Board of the First Faculty of Medicine of Charles University on: 28 Mar 2017

Title of the lecture: Catheter ablation for ventricular tachycardias in patients with structural heart disease

Appointed with the effect from 1 June 2017

MUDr. Martin Wagner, Ph.D.

Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague

Habilitation procedure in the field of: **Paediatrics**

Scientific Board of the First Faculty of Medicine of Charles University on: 28 Mar 2017

Title of the lecture: Clinical manifestation of mitochondrial diseases in children

Appointed with the effect from 1 June 2017

MUDr. Pavel Studený, Ph.D.

Department of Ophthalmology, Third Faculty of Medicine, Charles University and Teaching Hospital Na Vinohradech;

Eye Centre Karlovy Vary, Somich, s.r.o.

Habilitation procedure in the field of: **Ophthalmology**

Scientific Board of the First Faculty of Medicine of Charles University on: 25 Apr 2017

Title of the lecture: Modern transplantation of corneal endothelium

Appointed with the effect from 1 July 2017

MUDr. Alena Paříková, Ph.D.

Institute of Clinical and Experimental Medicine; Department of Nephrology, First Faculty of Medicine, Charles University and General University Hospital in Prague

Habilitation procedure in the field of: **Internal medicine**

Scientific Board of the First Faculty of Medicine of Charles University on: 30 May 2017

Title of the lecture: Physiology of peritoneal transportation and its alteration during the treatment with peritoneal dialysis

Appointed with the effect from 1 July 2017

MUDr. Miroslav Durila, Ph.D.

Department of Anaesthesiology, Resuscitation and Intensive Medicine, Second Faculty of Medicine and University Hospital Motol

Habilitation procedure in the field of:

Anesthesiology and resuscitation

Scientific Board of the First Faculty of Medicine of Charles University on: 27 June 2017

Title of the lecture: Importance of viscoelastic methods of thromboelastography/rotation thromboelastometry (TEG/ROTEM) at the Intensive Care Unit

Appointed with the effect from 1 Oct 2017

Ing. Daniel Šuta, Ph.D.

Institute of Medical Biophysics and Medical Informatics, Third Faculty of Medicine, Charles University;

Institute of Experimental Medicine of Academy of Sciences of Czech Republic; Czech Technical University

Habilitation procedure in the field of: **Medical biophysics**

Scientific Board of the First Faculty of Medicine of Charles University on: 19 Sep 2019

Title of the lecture: Exposure to noise and ageing as factors influencing audition

Appointed with the effect from 1 Dec 2017

MUDr. Lukáš Zlatohlávek, Ph.D.

3rd Department of Medicine – Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague

Habilitation procedure in the field of: **Internal medicine**

Scientific Board of the First Faculty of Medicine of Charles University on: 19 Sep 2017

Title of the lecture: Observation of scope of management of risk factors of preclinical atherosclerosis since childhood

Appointed with the effect from 1 Dec 2017

MUDr. David Michalský, Ph.D.

1st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague

Habilitation procedure in the field of: **Surgery**

Scientific Board of the First Faculty of Medicine of Charles University on: 19 Sep 2017

Title of the lecture: Laparoscopic plication of the stomach as a standard bariatric operation

Appointed with the effect from 1 Dec 2017

MUDr. Michal Tuček, Ph.D.

Department of Orthopaedics, First Faculty of Medicine, Charles University and Military University Hospital Prague

Habilitation procedure in the field of: **Orthopaedics**

Scientific Board of the First Faculty of Medicine of Charles University on: 19 Sep 2017

Title of the lecture: Fracture of the scapula

Appointed with the effect from 1 Dec 2017

MUDr. Ing. Lukáš Lambert, Ph.D.

Department of Radiology, First Faculty of Medicine, Charles University and General University Hospital in Prague

Habilitation procedure in the field of: **Radiology**

Scientific Board of the First Faculty of Medicine of Charles University on: 31 Oct 2017

Title of the lecture: New methods to reduce exposure to

radiation on computer tomography scanning and their application in clinical practice

Appointed with the effect from 1 Dec 2017

MUDr. Jan Bouček, Ph.D.

Department of Otorhinolaryngology, Head and Neck Surgery, First Faculty of Medicine, Charles University and University Hospital Motol

Habilitation procedure in the field of: **Otorhinolaryngology**

Scientific Board of the First Faculty of Medicine of Charles University on: 28 Nov 2017

Title of the lecture: Differences in immune response in patients with pavement cell carcinoma of the head and neck in relation of aetiology

Appointed with the effect from 1 Feb 2018

MUDr. Tomáš Grus, Ph.D.

2nd Department of Surgery - Department of Cardiovascular Surgery, First Faculty of Medicine, Charles University and General University Hospital in Prague; Regional Hospital Pířbram, a.s.

Habilitation procedure in the field of: **Surgery**

Scientific Board of the First Faculty of Medicine of Charles University on: 12 Dec 2018

Title of the lecture: Problems of surgical management of patency of infrainguinal vessel reconstructions

Appointed with the effect from 1 Feb 2018

MUDr. Vít Zikán, Ph.D.

3rd Department of Medicine – Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague

Habilitation procedure in the field of: **Internal medicine**

Scientific Board of the First Faculty of Medicine of Charles University on: 12 Dec 2018

Title of the lecture: The skeleton and multiple sclerosis

Appointed with the effect from 1 Feb 2018

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

Specialty:	Right to perform habilitation procedures:	Right to perform procedures to appoint professors:
Anatomy, histology and embryology	till 1 Nov 2019	till 1 Nov 2019
Anesthesiology and resuscitation	till 1 Sep 2019	–
Dermatovenereology	till 31 Jan 2020	till 31 Jan 2020
History of medicine	till 31 July 2022	till 31 July 2022
Obstetrics and gynaecology	till 31 Dec 2023	till 31 Dec 2023
Hygiene and epidemiology	till 1 Nov 2019	till 1 Nov 2019
Surgery	till 1 Nov 2023	till 1 Nov 2023
Infectious diseases	till 31 Dec 2023	till 31 Dec 2023
Cardiosurgery	till 31 May 2022	till 31 May 2022
Clinical biochemistry	till 1 Nov 2019	till 1 Nov 2019
Medical biophysics	till 31 Dec 2023	till 31 Dec 2023

Specialty:	Right to perform habilitation procedures:	Right to perform procedures to appoint professors:
Medical biology and genetics	till 1 Nov 2019	till 1 Nov 2019
Medical chemistry and biochemistry	till 31 Dec 2023	till 31 Dec 2023
Medical pharmacology	till 1 Nov 2019	till 1 Nov 2019
Medical psychology	till 31 Dec 2023	till 31 Dec 2023
Medical immunology	till 1 Nov 2019	till 1 Nov 2019
Medical informatics	till 1 Nov 2019	till 1 Nov 2019
Medical microbiology	till 1 Nov 2019	till 1 Nov 2019
Medical psychology	till 1 Nov 2019	till 1 Nov 2019
Neurosurgery	till 30 Nov 2019	till 30 Nov 2019
Neurology	till 31 Dec 2023	till 31 Dec 2023
Nuclear medicine	till 1 Sep 2019	till 1 Sep 2019
Ophthalmology	till 1 Nov 2023	till 1 Nov 2023
Oncology	till 1 Nov 2019	till 1 Nov 2019
Orthopaedics	till 31 Dec 2023	till 31 Dec 2023
Otorhinolaryngology	till 1 Nov 2019	till 1 Nov 2019
Pathological physiology	till 1 Nov 2019	till 1 Nov 2019
Pathology	till 31 Jan 2020	till 31 Jan 2020
Paediatrics	till 1 Nov 2019	till 1 Nov 2019
Occupational medicine	till 31 Dec 2023	till 31 Dec 2023
Psychiatry	till 1 Nov 2019	till 1 Nov 2019
Radiology	till 31 Dec 2023	till 31 Dec 2023
Rehabilitation medicine	till 1 Sep 2019	---
Sexology	till 31 Jan 2020	till 31 Jan 2020
Forensic medicine	till 1 Nov 2019	till 1 Nov 2019
Stomatology	till 31 Jan 2020	till 31 Jan 2020
Urology	till 1 Nov 2023	till 1 Nov 2023
Internal medicine	till 1 Nov 2023	till 1 Nov 2023



EDUCATION

At present, the First Faculty of Medicine of Charles University provides university education in the following scope:

- Master studies in General Medicine and in Dentistry;
- Bachelor studies in the study programme Specialization in Health in the fields of addictology; physiotherapy; occupational therapy; nutritional therapy;
- Bachelor studies in the study programme Nursing in the field of general nursing;
- Bachelor studies in the study programme Midwifery in the field of midwifery;
- Follow-up Master studies in the study programme Specialization in Health in the fields of addictology; nursing in anaesthesiology, resuscitation and intensive care; intensive care; occupational therapy; specialist nutritional therapy.
- The programmes of general nursing, addictology, nutritional therapy and specialist nutritional therapy 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, above all, for paying international students.
- 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 specialization 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.

ORGANIZATION OF STUDIES

The study at the Faculty is divided into one-year sections, and for evaluation of the progress the system of credit points is used. When enrolling for a section of studies, a student registers for compulsory subjects of the given years of studies but at the same time has the option of choice from a list of more than 400 facultative subjects, about 60 of which are taught in English language.

ENTRANCE PROCEDURES, PREPARATION AND CO-OPERATION WITH PROSPECTIVE STUDENTS

New students of General Medicine for the academic year 2017–2018 were admitted by the scores of written tests in physics, chemistry and biology. The third time after the last year, results of the applicants' secondary school studies were taken into consideration through bonus points for taking Czech and mathematics throughout the secondary studies with the marks "excellent" or "very good". Some of the students were admitted to the programmes of General Medicine and Dental Medicine on the basis of excellent study results of their secondary education, without doing the entrance tests.

There were 4,086 applications for the entrance procedure for the studies of general medicine and dentistry, and 1,714 applications for other Master programmes and Bachelor programmes. Without the entrance tests, 310 applicants

were admitted to study general medicine (those with average secondary school marks at 1.10 or below) and 46 applicants to study dental medicine (with average secondary school marks at 1.00).

The entrance tests for bachelor degrees and follow-up masters was only in biology, or possibly in the knowledge of subjects of the previous bachelor degree studies. In some fields of studies, previous practice in the field was appreciated besides the test results and given extra points, or additional tests and additional interviews were applied to assess the applicants' special knowledge and/or motivation and personal suitability (e.g. in applicants for studies of addictology).

Within the term provided by law, the Faculty received 126 appeals from those who failed in the entrance procedures. In the appellate procedures, the Rector Office of Charles University allowed none of the appeals but – vice versa – confirmed all of the Dean's decisions.

For those wishing to apply for studies, the Faculty has been providing preparatory classes in those subjects that are included in the entrance examination tests; in one of the courses the basic Latin was taught as well. On Sunday 7th January 2016, the traditional Open Day took place at the Faculty, which also took part in the University's Info Day in November and presented its study programmes at the Gaudeamus education fair as well as the Fair of Prague Schools of Higher Education.



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

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	Limit rate in the test	Number of appeals	Appeals out of those examined (per cent)	Appeals out of those not admitted (per cent)
2009/2010	general medicine	2333	1613	530	159	300	53	115	7,13	18,58
	dental medicine	871	686	83	226	300	75,33	65	9,48	10,78
	total	3204	2299	613				180	7,83	14,73
2010/2011	general medicine	2447	1646	539	151	300	50,33	139	8,44	23,64
	dental medicine	987	742	78	230	300	76,66	62	8,36	9,60
	total	3434	2388	617				201	8,42	16,30
2011/2012	general medicine	2694	1841	649	151	300	50,33	166	9,02	22,72
	dental medicine	1124	893	72	253	300	84,33	62	6,94	7,55
	total	3818	2734	721				228	8,34	14,95
2012/2013	general medicine	3145	2403	488	183	300	61	131	5,45	6,84
	dental medicine	1312	1013	79	268	300	89,30	69	6,81	7,36
	total	4457	3416	567				200	5,85	7,02
2013/2014	general medicine	3273	2438	559	199	300	66,33	143	5,86	7,61
	dental medicine	1115	915	64	287	300	95,66	57	6,23	6,70
	total	4388	3353	623				200	5,96	7,33
2014/2015	general medicine	3580	2470	469	210	300	70	89	3,60	4,46
	dental medicine	1134	851	55	287	300	95,66	36	4,23	4,44
	total	4714	3321	524				125	3,76	4,45

Academic year	Branch	Number of applicants	Number of applicants examined	Enrolled out of the admitted	Limit for admission (points)	Maximum score	Limit rate in the test	Number of appeals	Appeals out of those examined (per cent)	Appeals out of those not admitted (per cent)
2015/2016	general medicine	3555	2461	416	193	310	62,26	125	5,08	6,20
	dental medicine	1129	849	43	246	310	79,35	35	4,12	4,26
	total	4684	3310	459				160	4,83	5,64
2016/2017	general medicine	3290	2005	440	166	310	53,55	114	5,69	7,26
	dental medicine	972	664	44	223	310	71,94	15	2,26	2,65
	total	4262	2669	484				129	4,83	5,20
2017/2018	general medicine	3143	2446	370	180	320	56,25	70	2,86	4,51
	dental medicine	943	759	46	244	310	78,71	17	2,24	2,50
	total	4086	3205	416				87	2,71	3,90

STUDIES IN GENERAL MEDICINE

General medicine is the core field of studies at the Faculty, and it takes six years. The first three years are mainly about theoretical and pre-clinical subjects while the second half of the studies is given to clinical subjects.

The studies are implemented in accordance with the recommended curricula. These are based on accreditation of the field but at the same time continuously evaluated in terms of content matter as well as structure so that they can reflect the development of science and the teachers and students' views.

Apart from compulsory subjects, students have to register for some optional subjects too, so that they can collect the normal number of credit points. Optional subjects are regularly analysed and continuously adjusted, and their requirements are analysed as well. Passing the optional subjects is determined by meeting some specific requirements in the theoretical and practical sphere. At the time the Faculty offers 406 optional subjects, 260 of which are meant for students of general medicine in Czech language, and the number of the students registered is 1,951.

THEORETICAL AND PRE-CLINICAL STUDIES

Theoretical and pre-clinical studies take place in the first three years of studies. In the theoretical part, students learn about the basic medical terminology, composition of the human body (anatomy, histology) and its function (physiology), biophysical, biochemical and biological processes, both at the level of the whole body and at the cellular and subcellular level. They are trained in basic first aid and nursing, and during the summer vacations after the second year of studies they pass the clinical placement in basic patient care. In the third year, they learn about the basics of aetiology and development of pathologic processes (pathology, pathophysiology, pathobiochemistry, microbiology, introduction to immunology), and at the same time about basic clinical studies (medical and surgical propaedeutics, first part of pharmacology).

The **Institute of Anatomy** established an experimental dissection room for unfixed cadavers. Lectures in anatomy have been placed on the educational portal of the Faculty, web pages of the Institute and the portal terminologia-anatomica.org so that they can be fully available on the internet.

The **BIOCEV** staff together with the Institute of Anatomy now take part in tuition of the optional subject *Developmental and experimental morphology and cell therapy*.

The **Institute of Pharmacology** has now equipped the seminar room with computers and created educative pharmacokinetic software *EduPharm*.

The **Institute of Physiology** extended the Centre of Medical Simulations by 100 m² of utility area and completed the equipment (patient monitors, ultrasound simulator, additional AV equipment). Immersion and simulation training was extended by 10 hours up to the total 46 hours per student. For the teachers in simulation training, 20-hour courses had been organized. On 29th November 2017, the event called *Number one in medical simulations 2017* took place in co-operation with the Quick Response Force of the police and the Metropolitan Rescue Service of Prague.

The **Institute of Biochemistry and Experimental Oncology** innovated the e-learning study materials for students.

The **Institute of Biophysics and Informatics** co-ordinates the project of the operational programme VVV launched in July 2017 and called *Purchase of equipment for innovation of tuition of biophysics at medical faculties of Charles University*. The project is aimed at improvement of quality of studies at all the medical faculties, doing so in the form of innovation of tuition through the purchase of modern equipment for demonstration of basic principles of physics and biophysics, employing some elements of telemedicine. Assoc. Prof. Jiráková published the textbook *Basics of medical physics* for the English parallel classes.

At the **Institute of Histology and Embryology**, new microscopes with LED lighting were installed for students in the seminar room which is above all used for the English parallel classes.

The **Institute of Medical Biochemistry and Laboratory Diagnostics** provided students with new learning aids for

the subject Sampling techniques (model of the arm for sampling the venous blood) and implemented and improved the software for qualitative and quantitative evaluation of fluorescent microscopic sections. Also co-ordination of the *Wikiskripta/Wikilectures* is performed here.

At the **Institute of Pathology**, renovation of the great lecture hall has been finished and microscopy halls and refurbishing of the dissection rooms is being performed.

The **Institute of Nursing Theory and Practice** continued extending the scope of topics for simulation training in the subjects First aid and Nursing procedures for students of medicine as well as non-medical fields.

CLINICAL TEACHING

One indisputable advantage of the First Faculty of Medicine of Charles University, compared to other medical schools in the Czech Republic, is the widest base of training workplaces for practical training at the patients' bedside. Nevertheless, it was necessary to look for further extension of the clinical base of the Faculty. There were several reasons, including the growing number of students, shortening times of hospitalization, transfer of diagnosis and even treatment of many diseases into out-patient services and also less willingness of patients to be examined by medical students. These objective reasons limit the students' chances to meet a hospitalized person. Therefore, in 2017 the management of the First Faculty of Medicine made a contract with the AGEL corporation, which will offer the students a wider scope of practical bedside training in its more than 20 in-patient facilities in the Czech Republic as well as Slovak Republic.

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



At present, use of simulators in undergraduate as well as postgraduate training of physicians has become a standard at all renowned universities. For this reason, the First Faculty of Medicine created the unique Centre of Medical Simulations (SIM Centre), which is situated in the building of Institute of Physiology at Albertov and is one of the best-equipped educational institutions of its kind in the Czech Republic. The patients' role at the SIM Centre is played by four sophisticated computer-operated manikins (patient simulators), which imitate the breathing, pulse, heart activity and other functions of the human body. Various diagnostic and medical appliances can be wired up to the simulators in order to perform mock therapeutic procedures and observe how the manikins respond to them. For the training in particular practical skills, a lot of specialized simulators and models are available to students to simulate e.g. securing the airways, insertion of a central intravenous catheter, taking samples of both venous and arterial blood, ultrasound-guided catheterization, intraosseous approach, chest puncture and drainage, lumbar puncture, etc. Training in specialized classrooms of the simulation centre, which accurately imitate e.g. emergency admission, common centralized admission, intensive care unit or standard hospital ward, leads to better preparation of medical graduates for ordinary clinical practice. The simulation curriculum adopted at the First Faculty of Medicine covers the first three years of the undergraduate studies in general medicine, and in elective subjects it enters the higher years up to the sixth. The Faculty's ambition is to gradually introduce regular simulation training in all years of the studies so that the topics and tasks will be continuous, with gradually increasing demands and adequate repetition at the same time. This is our objective, which is pursued by the world's most prestigious universities as well. At the end of 2017, the team of the Centre of Medical Simulations in co-operation with the anti-terrorist force of the police of the Czech Republic organized the first year of an adventure training event for students of the First Faculty of Medicine.

At the department KARIM, the new manikin Laerdal Resusci Anne was introduced, which enables monitoring of quality of performance of cardiopulmonary resuscitation (monitoring both compressions and ventilation). In practical clinical

training at the Department of Infectious Diseases, First Faculty of Medicine, Charles University and Military University Hospital Prague, training of lumbar puncture on a simulator was included. At the Department of Surgery, First Faculty of Medicine, Charles University and Thomayer Hospital, practical training in surgical suture and knotting on porcine models. Colleagues from the 3rd Department of Medicine created a video presentation about ECG, and displayed it at www.medicalmedia.eu. The 1st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague in co-operation with Medin VP introduced the subject called Modern osteosynthesis in practice. The 2nd Department of Surgery – Department of Cardiovascular Surgery, First Faculty of Medicine, Charles University and General University Hospital in Prague started using special educational briefcases containing a display of cardiosurgical vascular replacements. In the lecture hall of the Department, students can watch the surgeries in the operating theatre of the Department online. The 2nd Department of Medicine – Department of Cardiovascular Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague opened a new catheterization room, whose operation can medical students explore too. Teachers of the 2nd Department of Surgery and 2nd Department of Medicine prepared the concept of the new compulsory subject Cardiovascular medicine, which is meant to replace the current subject Internal medicine – cardiology since the academic year 2018–2019. At the Department of Respiratory Medicine, First Faculty of Medicine, Charles University and Thomayer Hospital, extension of tuition of respiratory medicine in the 6th year of studies by one week was launched within the subject Internal Medicine Practice before State Examination. The Department of Radiology, First Faculty of Medicine, Charles University and General University Hospital in Prague prepared the e-learning test – so far as a pilot project of the elective subject Propaedeutics in Imaging Methods – to be adopted as a compulsory subject.

Students – Czech nationals

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	7 th year	total
General medicine	292	252	216	223	246	352	3	1584
General medicine in English language (paying students)	–	–	4	1	1	–	–	6
Dentistry	34	35	40	39	58	–	–	206
Dentistry in English language (paying students)	–	–	–	–	2	–	–	2
Nursing – full-time	–	1	8	–	–	–	–	9
Nursing – combined	16	18	21	–	–	–	–	55
Midwifery	21	10	17	–	–	–	–	48
Addictology – full-time	29	21	18	–	–	–	–	68
Addictology – combined	42	18	24	–	–	–	–	84
Occupational therapy	26	19	15	–	–	–	–	60
Physiotherapy	29	15	35	–	–	–	–	79
Nutritional therapy – full-time	25	17	14	–	–	–	–	56
Nutritional therapy – combined	35	23	28	–	–	–	–	86
Master – Occupational therapy	20	26	–	–	–	–	–	46
Master – Intensive care – combined	32	60	–	–	–	–	–	92
Master – Nutritional therapy – full-time	17	18	–	–	–	–	–	35
Master – Nutritional therapy – combined	25	40	–	–	–	–	–	65
Master – Addictology – full-time	20	20	–	–	–	–	–	40
Master – Addictology – combined	33	47	1	–	–	–	–	81
Total	696	640	441	263	307	352	3	2702

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

International students

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	7 th year	total
General medicine	89	108	88	66	94	86	3	534
General medicine in English language (paying students)	178	162	105	76	75	91	–	687
Dentistry	7	11	7	10	14	–	–	49
Dentistry in English language (paying students)	29	15	11	7	17	–	–	79
Nursing – full-time	–	–	2	–	–	–	–	2

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	7 th year	total
Nursing – combined	1	1	–	–	–	–	–	2
Midwifery	2	1	–	–	–	–	–	3
Addictology – full-time	1	1	1	–	–	–	–	3
Addictology – combined	4	1	1	–	–	–	–	6
Occupational therapy	1	3	1	–	–	–	–	5
Physiotherapy	1	6	4	–	–	–	–	11
Nutritional therapy – full-time	5	1	3	–	–	–	–	9
Nutritional therapy – combined	2	4	2	–	–	–	–	8
Master – Occupational therapy	–	–	–	–	–	–	–	–
NMaster – Intensive care – combined	3	2	–	–	–	–	–	5
Master – Nutritional therapy – full-time	1	–	–	–	–	–	–	1
Master – Nutritional therapy – combined	2	2	–	–	–	–	–	4
Master – Addictology – full-time	–	–	–	–	–	–	–	–
Master – Addictology – combined	–	–	–	–	–	–	–	–
Total	326	318	225	159	200	177	3	1408

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

Number of students enrolled for the first year of studies (out of the above)

Branch	Czech	international
General medicine	269	73
General medicine in English language (paying students)	–	148
Dentistry	39	7
Dentistry in English language (paying students)	–	28
Nursing – full-time	–	–
Nursing – combined	6	1
Midwifery	21	2
Addictology – full-time	25	1
Addictology – combined	30	2
Occupational therapy	25	1
Physiotherapy	27	1
Nutritional therapy – full-time	25	4
Nutritional therapy – combined	29	2
Master – Occupational therapy – full-time	19	–
Master – Intensive care – combined	31	3
Master – Nutritional therapy – full-time	16	1
Master – Nutritional therapy – combined	25	2
Master – Addictology – full-time	15	–
Master – Addictology – combined	32	–
Total	634	276

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

Number of Czech students / Number of international students	2010	2011	2012	2013	2014	2015	2016	2017
General medicine	1661/606	1877/655	1780/588	1878/648	1839/682	1779/614	1717/613	1584/534
General medicine in English language (paying students)	550	613	606	667	597	8/589	8/670	6/687

Number of Czech students / Number of international students	2010	2011	2012	2013	2014	2015	2016	2017
Dentistry	293/37	334/47	358/55	345/58	314/54	280/54	234/56	206/49
General medicine in English language (paying students)	90	98	110	102	81	3/82	3/75	2/79
Nursing – full-time	53/9	53/8	46/5	47/2	25/1	22/7	14/3	9/2
Nursing – combined	119/5	138/9	131/8	115/9	99/7	98/5	78/2	55/2
Midwifery	–	–	–	–	–	28/–	35/1	48/3
Addictology – full-time	88/3	81/7	75/3	68/3	71/2	76/3	72/2	68/3
Addictology – combined	112/9	119/4	107/7	98/7	88/6	82/4	80/5	84/6
Occupational therapy	58/4	53/2	54/–	55/–	38/–	45/2	39/4	60/5
Physiotherapy	81/25	79/8	79/5	80/8	86/9	86/13	70/13	79/11
Nutritional therapy – full-time	44/8	54	59/–	65/2	71/5	62/8	51/6	56/9
Nutritional therapy – combined	–	–	44/1	72/1	103/4	93/5	93/12	86/8
Master – Occupational therapy – full-time	–	–	–	–	19/–	36/–	34/–	46/–
Master – Intensive care – combined	–	–	–	–	28/2	56/2	72/3	92/5
Master – Nutritional therapy – full-time	–	–	–	–	–	13/–	28/1	35/1
Master – Nutritional therapy – combined	–	–	–	–	–	30/1	54/1	65/4
Master – Addictology – full-time	27/0	–	–	–	56/6	52/3	52/2	40/–
Master – Addictology – combined	–	–	19/–	31/1	44/1	67/3	75/3	81/–

STUDIES IN DENTISTRY

The interest to enter the studies in dentistry at the First Faculty of Medicine of Charles University is still enormous. In the academic year 2017–2018, 46 applicants were admitted to study in Czech language and another 27 to study in English. The Faculty purchased all the equipment necessary to launch the complex tuition of 3D stomatology (3D printer, intraoral scanner, 3D camera). This modern trend must be encouraged in time and provide the students with practical skills in using this technology in everyday dental practice. This tuition met keen interest among the students.



*Assoc. Prof. MUDr. René Foltán, Ph.D.
Vice-Dean for Dentistry*

At the end of the year we were intensively engaged in preparation of the project document for accreditation of the new study programme Dentistry. In this document, we set the conditions for rationalization of tuition mainly in pre-clinical theoretical fields so that some of them will be taught in the same way as in the study programme of General medicine. This is also a response to the development of dental care in the society, as treating our still older and sicker population reveals the need in much more knowledge of general medicine. Further, we integrated a much higher number of hours of practical training into the new accreditation project.

Exchange study stays of our students abroad continued as well as reciprocal travel of foreign students within the international exchange Scandinavia, Germany and Spain.



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

EDUCATION IN NON-MEDICAL HEALTH CARE FIELDS

The process of stabilization and mild reduction in teaching for non-medical fields, commenced in the past years, was completed in 2017. It is materialization of results of the Faculty's internal evaluation, which shows that under the current conditions it is not possible any more to run such a great number of small fields as we did before. The numbers of students

Numbers of students in particular fields and their internal diversity with the concurrent absence of the combined form of tuition in some fields cause problems in terms of economic sustainability as well. In the field of General nursing, the Faculty also had to respond to the process of decision-making at top levels, leading to insecurity and obscure prospects for university education in some of the fields. The management of the Faculty, therefore, re-evaluated its previously adopted Concept of education in non-medical health fields up to 2019, and decided to close the bachelor degree programme of Gen nursing up for good, both in the full-time and combined form. Further, the process of full implementation of the latest non-medical field of Midwifery at the First Faculty of Medicine was completed under supervision of the Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and General University Hospital in Prague in 2017. In this academic year, students enrolled in this programme to its full capacity again, and their interest is another proof that the programme has been well established. The full implementation and establishment of the programme of Midwifery means full materialization of the original plan of concepts, as adopted in 2008 and 2012, and the portfolio of non-medical programmes at the Faculty is thereby closed for the time being. This state was evaluated at a special session of the Faculty management in Mariánské Lázně, and the resolution on definite fixing of the present scope of programmes provided in Czech language and directing the further process towards improvement of quality of training, student services, economic balance and more emphasis on scientific and research activities in these fields.

The second half of 2017 was characterized by preparations of institutional accreditation of Charles University in the said fields and first ever accreditations of particular fields under the new pattern, just within the university. In this respect, the Faculty was also really active within the Association of Providers of Higher Education in Non-medical Health Fields and took an important part in creation of model documents for accreditation. At the same time, at the end of the year, the Faculty took the first steps towards the successful management of the institutional accreditation and in co-operation with the Rector Office of Charles University prepared all and any necessary documents. One important international success in the sphere of non-medical health fields was the direct participation in creation of the international association joining the universities that train specialists in addictology (ICUDDR), where the First Faculty of Medicine of Charles University became a charter member and won – for Charles University – the position of the co-ordinating university for Europe in dissemination of the first international curriculum of this field. Further, strategic co-operation with a group of universities in the United States was started, promoting and facilitating the last steps in preparation of a completely new Master degree programme of Addictology, provided in English language for international students.

TUITION OF PAYING INTERNATIONAL STUDENTS

In 2017, the upward trend in the number of candidates for studies in English language continued, with the total number of more than 1,600 applications. This growing interest in the studies was also reflected in the moderately growing number of students in English parallel classes. In the academic year 2017–2018, 148 students enrolled for the first year of studies in the programme of General medicine and another 23 in the programme of Dentistry.

Tuition in English language is important for inter-university exchange programmes as well. In the past few years this was increasingly manifested in the growing number of international students coming to our Faculty under the programmes of IFMSA and Erasmus. 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 (and also English parallel) classes who can travel abroad within the programmes of international exchange and experience some part of their studies at one of the participating foreign medical schools. Also the interest of our international students in taking part of their clinical training in their home countries (particularly in Israel) increased, as it makes finding a job after graduation easier for them. Thanks to bilateral agreements with teaching hospitals abroad we were able to meet the needs of students from Spain and Germany too.



*Prof. MUDr. Otomar Kittnar, CSC.
Vice-Dean for International Students and Social Affairs
(in office till October 2017)*

The proportion of our full-time students coming from particular continents is visualised in the enclosed chart below. 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 with the admission of the Another recent trend in the composition of the English-taught parallel classes, however, is the continuous increase in students from North America and Asia. In the present first year of studies, students from Israel represent the largest group, followed by India and Germany. A relative advantage of students from the first two countries is the fact that they can take our Faculty as their first choice rather than Plan B in case they fail to be admitted for studies in their home countries. In the case of USA, a major incentive is the continuously kept accreditation of the Faculty for the government schemes (Direct Loans), and like in Israel, the possibility to take the USMLE exams as well.

We are really glad to see the growing interest in our Faculty, which helps us to gradually increase the quality of students and subsequently graduates as well. The latter then act as our "ambassadors" in those countries where they practice medicine after their graduation. At the admission interviews, we regularly hear that one of the main reasons why students choose our Faculty is particularly the good experience of our graduates. The growing interest, particularly in the programme of General medicine, also allowed us to adjust, or unify, the tuition fees at CZK 360,000 per year for all students and both programmes. This, together with elimination of the possibility to substitute mathematics for physics at the entrance tests, helps us regulate the number of applicants and mainly select those who had shaped up for medical studies as soon as at the secondary school.

In 2017, the First Faculty of Medicine continued the long-established tradition of visits organized for potential students and their parents, within the Open Days of English-taught study programmes. Another tradition we continued was the extra Open Day in spring for those students who take part in the preparatory course for our Faculty's entrance interviews, which is held in co-operation between Charles University and Abbey College.

The organization of international students, MEDSOC, which is in close contact with both Czech students' activities and the Faculty management, takes an important part in the student and academic life at the Faculty. In 2017, this organization further developed its activities, including displaying the records of its proceedings at the Faculty's web pages, and widened its scope in terms of social problems of international students. They organized a fair number of workshops on the scope of jobs and scholarships available, above all in Great Britain, and these events were much attended by students, including even those in the Czech parallel classes. Further, the website to concentrate all medical conferences held in English language in the Czech Republic is traditionally available. At the Faculty, MEDSOC has got a room to use as an office and meeting venue. They also prepare their own cultural, social and sports events, including the International Medical Students' Ball in spring and inter-faculty soccer tournament. Co-operation between the students' organization and the Department of Students' Affairs was intensified as well, which considerably enhances the quality of our presentations abroad through our alumni and facilitates the start of studies for the fresh first-year students, when more experienced colleagues come to their assistance and help them to get oriented at the Faculty in the first days of the term (in the "Freshers' Week" in September, between the enrolment and the start of tuition). Moreover, they run a consulting board of "student tutors" for the first year students to

assist them throughout the academic year in orientation to the system of studies as well as to cultural differences between their home countries and the Czech Republic. The board updated a special brochure for the fresh students as a permanent aid in these problems. Another considerable publication, printed in December, is the brochure about the Faculty in English, and an information leaflet initiated by the University to provide unified presentation of all its faculties at international fairs of university education is being prepared.

Numbers of students according to the country of origin in the academic year 2017–2018

Country	Number of students	Percentage
Israel	136	19
Great Britain	95	13
Germany	74	10
India	50	7
Malaysia	31	4
Cyprus	27	4
Norway	26	4
Greece	23	3
Iran	20	3
Sweden	20	3
USA	18	3
Botswana	14	2
Canada	14	2
Pakistan	12	2
Nigeria	11	2
Spain	10	1
Thailand	10	1
Egypt	9	1
Czech Republic	8	1
Ireland	7	1
Portugal	7	1
Taiwan	7	1
Turkey	7	1
Other	84	11
Total number of students	720	100

ELECTRONIC SUPPORT OF TUITION

The First Faculty of Medicine has been one of the leading institutions in the sphere of electronic support of education of doctors and other health care professionals. Every year we create a large number of electronic and audiovisual teaching materials. The best part of them is open at the website of WikiSkripta (www.wikiskripta.eu). Nowadays, WikiSkripta/WikiLectures is the most visited web to support undergraduate medical education in the Czech Republic. In addition, WikiSkripta attract talented students and promote their active engagement in the process of education. This project increasingly becomes a model for similar projects at other university level schools.

The access to other electronic learning materials is via the learning portal of the Faculty (<http://portal.lf1.cuni.cz>), the user-friendly Adobe Connect (<https://el.lf1.cuni.cz>) or the LMS Moodle system (<https://moodle.cuni.cz>). Further, the First Faculty of Medicine of Charles University also founded and has been running an electronic storage of medical videos (<http://www.medicalmedia.eu>), which enables to store even clinically confidential materials and open them safely to medical students.

In the past few years, the support for electronic testing as well as methodology of reproducible, objective and fair evaluation of knowledge and skills has been growing. In this sphere, the Faculty is one of the leaders as well, participating in training of teachers of other universities in the Czech Republic and regularly preparing and publishing methodological guidelines.



*MUDr. Martin Vejražka, Ph.D.
Member of Dean Office Board*

SPECIALTY TRAINING AND LIFE-LONG EDUCATION OF HEALTH CARE PROFESSIONALS

In 2017, the Department of Specialty Training and Life-long Education organized a wide scope of courses, seminars, workshops and lectures in compulsory specialty training of physicians and dentists as well as life-long education of health care professionals, designated not only for doctors and dentists but also for non-medical health care and other professionals (such as addictologists, physiotherapists, occupational therapists, laboratory staff or educationalists).

SPECIALTY TRAINING OF DOCTORS AND DENTISTS

In 2017, in keeping with the required rotation between medical schools in the country, compulsory specialty courses were provided in all of the specialties that are a prerequisite for completion of the core training or admission to the specialty attestation exam.

It is Prof. MUDr. Jan Škrha, DrSc., MBA, that is responsible for specialty training at the Faculty, together with expert supervisors of all 46 particular specialties and the staff of the Department of Specialty Training and Life-long Education, who provide all the clerical and organizing work. Prof. Škrha is the Faculty's representative in the Co-ordinating Council of all the eight medical schools in the Czech Republic. The activities connected with specialty training mainly pertain to the admission procedure for the particular specialty, recognition of practical experience in another specialty, issue of certificates, and above all, organization and co-ordination of specialty attestation exams as well as compulsory pre-attestation courses and specializing courses, including care for the necessary accreditation of the courses by Ministry of Health of the Czech Republic. Since 1st July 2017, the amendment to the Act number 95/2004 Coll. has been in force, which brought a number of changes to the specialty training, but these, however, could not be implemented yet because of the absence of the respective by-laws to specify the technicalities.

Registration of doctors and dentists in specialty training is performed through the web application of the Ministry of Health (EZP). By 15th December 2017, the total number of more than 2,100 doctors and dentists were registered at our Faculty.

Compulsory courses always take place on the basis of inter-faculty rotation of all the medical faculties. Out of the total ca 180 courses prepared at all the schools, 36 courses (taking from 1 to 15 days) were implemented at the First Faculty of Medicine, and these were attended by 634 doctors and dentists. Despite the co-ordination of courses between the medical schools, organization of compulsory courses in the "small" specialties still is a problem in the economic aspect.

Specialty attestation exams, too, were organized on the rotation basis in 14 various specialties. The total of 146 doctors enrolled for the oral and practical part of the specialty attestation exam, and 129 of them passed while 7 failed and the rest apologized. Most doctors passed the exams in the fields of obstetrics and gynaecology, internal medicine, and rehabilitation and physical medicine.

Survey of compulsory specializing courses and seminars of Life-long Education and specialty attestation exams on at the First Faculty of Medicine in 2017

	Specializing courses	Attestation exams
Number of events	36	14
Number of participants	634	146

Life-long education of doctors, dentists and other health care professionals

In 2017, the total of 114 courses of life-long education were implemented, attended by 4,822 persons. These included

1,203 participants at 41 courses and seminars, including clinical seminars for doctors and 10 events for 187 non-medical professionals which were held at the departments and institutes of the First Faculty of Medicine as well as courses focused on development of teaching skills for teachers of the Faculty (38 participants). Another 62 educational events for 3,384 physicians of various profiles were implemented in co-operation with commercial subjects.

Survey of courses and seminars of Life-long Education at the First Faculty of Medicine in 2017

	Courses & seminars for doctors	Life-long Education courses in co-operation with commercial subjects	Total
Number of events	42/10	62	114
Number of participants	1241/187	3384	4812

The Department of Specialty Training and Life-long Education offers up-to-date information about specialization and life-long education of doctors and dentists at the Faculty's website (<http://www.lf1.cuni.cz/specializacni-vzdelavani>) as well as through electronic, phone and face-to-face consultations. In April 2017, the Department of Specialty Training and Life-long Education also presented the offer of events in life-long education at the Life-long Education Day, organized by the Rector Office of Charles University.

The Department of Specialty Training and Life-long Education also prepares the documents needed for accreditation of educational programmes and courses by the Ministry of Health or the Ministry of Education, Youth and Sport, and administers the respective proofs and certificates for the participants (according to the Rules for Lifelong Learning of Charles University, Rector's Orders and Dean's Orders). Physicians obtain certificates including the credits gained under the Professional Guideline number 16 of the Czech Medical Chamber, while in case of non-medical health professions the credit system was abolished by an amendment to Act number 96/2004 Coll.

THIRD-AGE UNIVERSITY AT THE FIRST FACULTY OF MEDICINE

Regular Third-age University classes: 4-semester course of Human biology

In 2017, tuition for the 30th course of studies was successfully completed. The ceremony to close the 2nd year of studies and award the 44 certificates of the third-age university courses took place at the Karolinum on 1st June 2017. The 30th course started with 54 new mature students.

The basic four-semester course "Human biology" has a stable schedule of lectures focused on theoretical basis of medicine, complemented with some new knowledge about prophylaxis and selected lectures about history of medicine for the 1st year, and "Biological principles of care of health" for the 2nd year.

A lecture about first aid with practical demonstrations was incorporated in the regular schedule, which met a great response from the students. In the past academic year, the lectures took place according to the syllabus, i.e. two lessons a week in each semester, for both years of studies. The programme in detail was published in the List of lectures of Charles University – the First Faculty of Medicine. The lecturers in all groups were Heads of the respective institutes and departments as well as other top specialists from these institutions. The tuition had excellent response among the students. In either year of studies, about 50 students are enrolled and the venue is the lecture hall at the Institute of Scientific Information.

As part of Charles University, the First Faculty of Medicine is member of the national association of third-age universities, which in turn is member of the international association.

The course Novelties in medicine (former Club of Alumni of the Third-age University)

For those who successfully completed the four-semester studies of "Human biology", the Faculty offers the chance of further education in the course Novelties in medicine. The interest in this course is so high that the growing number of students exceeds the capacity of the Vondráček Lecture Hall. This fact made us to decide and divide the students into two groups, each of them coming for the tuition once in a fortnight.

The tuition is implemented in regular one-semester cycles and focused on basic fields/specialties of medicine, giving the basic survey of the given field as well as the idea of new methods and developments in the field. A field is dealt with throughout the semester.

This tuition is professionally supported by particular units of the First Faculty of Medicine in co-operation with the Third-age University expert supervisor. In 2017, the cycle of lectures Phoniatics was presented to the students in the summer semester, which was prepared by the staff of the Department of Phoniatics, First Faculty of Medicine, Charles University and General University Hospital in Prague, while for the winter semester lectures in Ophthalmology were ready, prepared by lecturers from the Department of Ophthalmology, First Faculty of Medicine, Charles University and General University Hospital in Prague.

Further activities

On 22nd April 2017, the Day of life-long education was held at Charles University, where the whole scope of study in life-long education at the First Faculty of Medicine was presented.

In the autumn – on 10th October 2017 – a solemn meeting took place at the Faculty to commemorate the 30th anniversary of the Third-age University, at the presence of the representatives of the Faculty and the University, and “long-standing students” were given awards, i.e. those who have been attending the lectures in the Club of Alumni for more than 10 years. As the students’ representative, Ms. Dagmar Kasalová, stated, “through the yearly alteration of the content matter of the course the students can obtain new knowledge in a number of fields”. The course Novelties in medicine is presented for them by prominent experts in the given fields – members of the academic community as well as outstanding physicians of the General University Hospital. Most of the students enrolled take parts in these extension courses repeatedly. Therefore, apart from the cognitive function the courses of the Third-age University lead to strengthening social connections and contacts between the participants. Then, long-term participation in the studies of the Third-age University also strengthens the students’ identification with the First Faculty of Medicine and Charles University.

EVALUATION OF TUITION BY STUDENTS



*Prof. MUDr. Otomar Kittnar, CSc.
Vice-Dean for International Students and Social Affairs
(in office till October 2017)*

Evaluation of tuition by the students was marked by some substantial changes in the academic year 2005–2006, as it was done electronically for the first time. In the following years this was repeated under the same conditions, and at the same time the previous year's results were analysed and compared. Since the academic year 2007–2008 the evaluation has been performed through the form of electronic data collection and processing within the student information system (SIS). In the academic year 2016–2017 the data collection was commenced in October 2016 and finished in October 2017. The Evaluation Board as well as the Dean's Office Board dealt with the evaluation several times.

The questionnaire in electronic form, incorporated in the Student Information System (SIS), which facilitated the students' access to the forms for evaluation of particular subjects and institutions, has been left virtually unchanged on purpose, so that results of the evaluation can be compared with the year before. The academic community is informed of the results of the evaluation on the Faculty's web pages as well as through direct information for all Faculty units 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 main 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 is, above all, their swiftness, flexibility and interactivity. This way the management of particular units can deal with the students' opinion virtually immediately and solve any possible problems in a very short time. This is probably the way that may prove most effective in the coming years: as the experience has shown, it enables not only the students' immediate response to the problem but also their discussion of the problem. Then the variety of attitudes among the students can be seen much better and – above all – much quicker, which will facilitate a better and quicker solution of problems on the teachers' part, considering the students' majority opinion rather than just an individual's view.

GENERAL EVALUATION OF THE 2016–2017 SURVEY

In the academic year 2016–2017, the number of students taking part in the evaluation was 889, which was similar as in the year before, but the number of specific comments and expressions of students' views in general had grown. General marking of the Faculty has stayed positive as before: the marks oscillate between 1.40 and 1.87, with the average mark for the Faculty at 1.50 (which is nearly the same as last year). Marks given to evaluate particular institutes and clinical departments oscillate between ones and twos. Unlike a year ago, none of the marks was worse than 2.88 (with the exception of several cases where only one student responded), which can be looked upon as overall improvement.

One persisting problem is the fact that the number of evaluating students from the higher years of study is lower, and thereby the statistical relevance of the scores for clinical subjects and clinician teachers is reduced. One of the reasons is distribution of the students among clinical institutions in smaller groups, where the number of students who meet a particular teacher is smaller than in the first two or three years of study. The good news is the fact that the number of specific comments from students in the "clinical" years of studies has been growing in the past two years.

Every year, the Heads of the organization units are informed in writing about the evaluation and invited to respond and resolve the complaints. As in the past years, a fair number of units responded to the results of the evaluation, and their statements contain possible explanations of the negative outcome of the evaluation, as seen by the unit or teacher, often with substantiated

criticism concerning statistical irrelevance and element of subjectivity in the evaluation, and sometimes expressing criticism towards the students. However, it is important that these responses also involve some proposals of future solutions to eliminate some reasons for negative evaluation. The tendency that can clearly be seen is improvement of average marks for particular organization units as well as increase in positive comments towards specific institutes, clinical departments and teaching staff. The Dean's Board dealt with the results of the evaluation in detail in its session and also appreciated the attitude of the Heads of many units who had taken constructive approach towards evaluation of their institutions. As every year, the best rated teachers received money awards from the Dean.

POSTGRADUATE DOCTORAL STUDIES IN BIOMEDICINE

The First Faculty of Medicine of Charles University provides 21 doctoral study programmes in both Czech and English languages. Seventeen of them are implemented as doctoral study programmes in biomedical sciences (hereafter "Ph.D. programmes in biomedicine"), which were founded pursuant to the agreement of the three medical schools in Prague (the First, Second and Third Faculty of Medicine) and the Faculty of Natural Science of Charles University in 1992. The aims of this activity were the following:

1. through the establishment of joint Field Boards, to stop simultaneous creation of boards of the same profile at each of the above faculties and thereby prevent pointless fragmentation of the educational process;
2. considering the existence of a great concentration of institutions of biomedical research operating beyond Charles University (particularly the institutes of the Academy of Sciences and research institutes of the Ministry of Health), to enable these institutions to become centres of education for Ph.D. programmes in biomedicine as well;
3. to convince representatives of clinical institutions of the necessity of experimental laboratory training in theoretical and pre-clinical fields;
4. to promote quality in Ph.D. programmes in biomedicine through establishing the necessary criteria for defence of doctoral theses.

The Ph.D. programmes in biomedicine are implemented in accordance with the Act of Schools of Higher Education and internal regulations of Charles University and their faculties and based on the general agreement of co-operation in implementation of study programmes of 23rd April 1997 and agreement of consortium between Charles University and the Academy of Sciences of the Czech Republic of 26th June 1997.

DOCTORAL STUDY PROGRAMMES IMPLEMENTED AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS IN 2017

Molecular and Cellular Biology, Genetics and Virology	Prof. RNDr. Stanislav Zdražil, CSc., Faculty of Natural Science of Charles University
Cell Biology and Pathology	Prof. RNDr. Ivan Raška, DrSc., First Faculty of Medicine of Charles University
Biomedical Informatics	Prof. MUDr. Štěpán Svačina, DrSc., First Faculty of Medicine of Charles University
Developmental and Cell Biology	Assoc. Prof. RNDr. Petr Folk, CSc., Faculty of Natural Science of Charles University
Biochemistry and Pathobiochemistry	Prof. MUDr. Stanislav Štípek, DrSc., First Faculty of Medicine of Charles University
Human Physiology and Pathophysiology	Prof. MUDr. Jaroslav Pokorný, DrSc., First Faculty of Medicine of Charles University
Immunology	Assoc. Prof. RNDr. Jan Černý, Ph.D., Faculty of Natural Science of Charles University
Microbiology	Assoc. Prof. RNDr. Ivo Konopásek, CSc., Faculty of Natural Science of Charles University
Neurosciences	Prof. MUDr. Karel Šonka, DrSc., First Faculty of Medicine of Charles University
Pharmacology and Toxicology	Prof. MUDr. Ondřej Slanař, Ph.D., First Faculty of Medicine of Charles University
Medical Biophysics	Prof. MUDr. et RNDr. Jiří Beneš, DrSc., First Faculty of Medicine of Charles University
Parasitology	Prof. RNDr. Jan Tachezy, Ph.D., Faculty of Natural Science of Charles University

Experimental Surgery	Prof. MUDr. Jaroslav Živný, DrSc., First Faculty of Medicine of Charles University
Preventive Medicine	Assoc. Prof. MUDr. Alexander M. Čelko, CSc., Third Faculty of Medicine of Charles University
Gerontology	Prof. MUDr. Eva Topinková, CSc., First Faculty of Medicine of Charles University
Psychology	Prof. MUDr. Jiří Raboch, DrSc., First Faculty of Medicine of Charles University
Bioethics	Assoc. Prof. MUDr. PhDr. Jan Payne, Ph.D., First Faculty of Medicine of Charles University
History of Medicine	Assoc. Prof. Mgr. Karel Černý, Ph.D., First Faculty of Medicine of Charles University
Imaging Techniques in Medicine	Prof. MUDr. Jan Daneš, DrSc., First Faculty of Medicine of Charles University
Specialization in health care – Addictology	Prof. PhDr. Michal Mioviský, Ph.D., First Faculty of Medicine of Charles University
Biomechanics	Assoc. Prof. PaedDr. Karel Jelen, CSc., Faculty of Physical Culture and Sport of Charles University

The content matter and organization of studies in particular study programmes are provided by joint field boards; these are guarantors of quality of particular study programmes in doctoral studies. Their members are appointed by the Rector at the suggestion of deans of the faculties and the other participating training institutions beyond the University. The chairperson and vice-chairs are elected by the board from among its members. Ph.D. programmes in biomedicine are directed by the Co-ordinating Council. Members of the Co-ordinating Council of Ph.D. programmes in biomedicine are appointed and deposed jointly by the Rector of Charles University and the President of the Academy of Sciences of the Czech Republic to the proposals by deans of particular faculties of Charles University and managers of other institutions involved. The other members of the Co-ordinating Council are the chairs of the Field Boards. The chairperson and vice-chairs are elected by the Council from among its members.

The chairperson summons and directs the proceedings of the board and represents it in negotiations with the representative bodies of the particular Faculty as well as in sessions of the Co-ordinating Council of Ph.D. programmes in biomedicine. The scope of competencies of the field board ensues from the valid version of the Higher Education Act.

The following part includes the survey of programmes of postgraduate doctoral studies; the list of chairpersons of particular Field Boards at the First Faculty of Medicine in 2017; the survey of accredited doctoral study programmes taught in Czech and English, including the time of validity of accreditation. The Annual Report also includes the survey of numbers of students at the Faculty units in 2017; the survey of doctoral exams and doctoral theses defended in 2017; the survey of students admitted and theses defended in doctoral studies at the First Faculty of Medicine in the past 5 years (2013–2017); and a chart to visualize the conditions for admission to doctoral study programmes.

ACCREDITED DOCTORAL STUDY PROGRAMMES ACCREDITED IN CZECH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	31 Aug 2019
Cell Biology and Pathology	31 Dec 2020
Biomedical Informatics	31 Dec 2020
History of Medicine	31 Dec 2024
Experimental Surgery	31 Dec 2020
Pharmacology and Toxicology	31 Dec 2020
Human Physiology and Pathophysiology	31 Dec 2020
Gerontology	31 Dec 2020
Immunology	31 Dec 2020
Medical Biophysics	31 Dec 2020
Bioethics	31 Dec 2024
Microbiology	30 Apr 2020
Molecular and Cellular Biology, Genetics and Virology	31 Dec 2020
Neurosciences	31 Dec 2020
Parasitology	30 Apr 2020

Preventive Medicine	31 Dec 2020
Psychology	31 Dec 2020
Developmental and Cellular Biology	31 Aug 2019
Imaging Techniques in Medicine	31 Dec 2024
Specialization in health care – Addictology	31 Dec 2024
Biomechanics	1 Nov 2020

DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	31 Aug 2019
Biomedical Informatics	31 Dec 2020
Cell Biology and Pathology	31 Dec 2020
Developmental and Cell Biology	31 Aug 2019
History of Medicine	31 Dec 2024
Experimental Surgery	31 Dec 2020
Gerontology	31 Dec 2020
Human Physiology and Pathophysiology	31 Dec 2020
Immunology	31 Dec 2020
Medical Biophysics	31 Dec 2020
Microbiology	30 Apr 2020
Molecular and Cellular Biology, Genetics and Virology	31 Dec 2020
Neurosciences	31 Dec 2020
Parasitology	30 Apr 2020
Pharmacology and Toxicology	31 Dec 2020
Preventive Medicine	31 Dec 2020
Psychology	31 Dec 2020
Imaging Methods in Medicine	31 Dec 2024
Bioethics	31 Dec 2024
Specialization in Health Service – Addictology	31 Dec 2024
Biomechanics	1 Nov 2020

Survey of the numbers of students in doctoral study programmes at units of the First Faculty of Medicine in 2017

unit	institution(s)	number of Ph.D. students at the unit			
		studying in 2017	studying in 2017		total students in 2017
			quitted	graduated	
Institute of Anatomy	First Faculty of Medicine, Charles University	11	2	0	13
BIOCEV	First Faculty of Medicine, Charles University	13	0	4	17
Centre for Practical Applications Support and Spin-off Companies	First Faculty of Medicine, Charles University	3	0	0	3
Center for Advanced Preclinical Imaging	First Faculty of Medicine, Charles University	5	0	0	5
Institute of Physiology	First Faculty of Medicine, Charles University	10	2	3	15
Department of Rheumatology	First Faculty of Medicine, Charles University	14	1	0	15
Institute of Biophysics and Informatics	First Faculty of Medicine, Charles University	10	1	3	14
Institute of Biochemistry and Experimental Oncology	First Faculty of Medicine, Charles University	9	0	0	9
Institute for History of Medicine and Foreign Languages	First Faculty of Medicine, Charles University	11	4	1	16
Institute of Histology and Embryology	First Faculty of Medicine, Charles University	2	0	0	2
Institute for Medical Humanities	First Faculty of Medicine, Charles University	11	0	0	11
Institute of Pathological Physiology	First Faculty of Medicine, Charles University	39	7	1	47
Institute of Clinical and Experimental Hematology	First Faculty of Medicine, Charles University and Institute of Hematology and Blood Transfusion	12	0	1	13
Institute of Pharmacology	First Faculty of Medicine, Charles University and General University Hospital	7	1	4	12
Department of Phoniatrics	First Faculty of Medicine, Charles University and General University Hospital	1	0	1	2
Department of Geriatrics	First Faculty of Medicine, Charles University and General University Hospital	0	1	0	1
Department of Obstetrics and Gynaecology	First Faculty of Medicine, Charles University and General University Hospital	24	2	2	28
1 st Department of Tuberculosis and Respiratory Diseases	First Faculty of Medicine, Charles University and General University Hospital	1	0	0	1
1 st Department of Surgery	First Faculty of Medicine, Charles University and General University Hospital	2	1	0	3
1 st Department of Medicine	First Faculty of Medicine, Charles University and General University Hospital	3	0	1	4
2 nd Department of Surgery	First Faculty of Medicine, Charles University and General University Hospital	10	2	0	12
2 nd Department of Medicine	First Faculty of Medicine, Charles University and General University Hospital	38	4	0	42
3 rd Department of Medicine	First Faculty of Medicine, Charles University and General University Hospital	22	2	2	26
4 th Department of Medicine	First Faculty of Medicine, Charles University and General University Hospital	14	1	1	16
Department of Addictology	First Faculty of Medicine, Charles University and General University Hospital	26	0	0	26
Department of Pediatrics and Adolescent Medicine	First Faculty of Medicine, Charles University and General University Hospital	34	4	0	38
Department of Nephrology	First Faculty of Medicine, Charles University and General University Hospital	12	0	0	12
Department of Occupational Medicine	First Faculty of Medicine, Charles University and General University Hospital	8	0	1	9
Department of Stomatology	First Faculty of Medicine, Charles University and General University Hospital	27	3	0	30

unit	institution(s)	number of Ph.D. students at the unit			
		studying in 2017	studying in 2017		total students in 2017
			quitted	graduated	
Department of Rehabilitation Medicine	First Faculty of Medicine, Charles University and General University Hospital	6	0	0	6
Department of Neurology	First Faculty of Medicine, Charles University and General University Hospital	53	5	5	63
Department of Ophthalmology	First Faculty of Medicine, Charles University and General University Hospital	6	0	0	6
Department of Oncology	First Faculty of Medicine, Charles University and General University Hospital	5	0	1	6
Department of Psychiatry	First Faculty of Medicine, Charles University and General University Hospital	63	12	2	77
Department of Radiology	First Faculty of Medicine, Charles University and General University Hospital	10	1	0	11
Institute of Sexology	First Faculty of Medicine, Charles University and General University Hospital	10	0	0	10
Department of Urology	First Faculty of Medicine, Charles University and General University Hospital	8	0	0	8
Institute of Biology and Medical Genetics	First Faculty of Medicine, Charles University and General University Hospital	16	1	0	17
Institute of Hygiene and Epidemiology	First Faculty of Medicine, Charles University and General University Hospital	15	2	3	20
Institute of Immunology and Microbiology	First Faculty of Medicine, Charles University and General University Hospital	15	2	1	18
Institute of Medical Biochemistry and Laboratory Diagnostics	First Faculty of Medicine, Charles University and General University Hospital	39	2	5	46
Institute of Nuclear Medicine	First Faculty of Medicine, Charles University and General University Hospital	4	0	1	5
Institute of Pathology	First Faculty of Medicine, Charles University and General University Hospital	5	0	0	5
Institute of General Practice	First Faculty of Medicine, Charles University and General University Hospital	1	2	0	3
Department of Anaesthesiology, Resuscitation and Intensive Medicine	First Faculty of Medicine, Charles University and General University Hospital	11	0	0	11
Institute of Forensic Medicine and Toxicology	First Faculty of Medicine, Charles University and General University Hospital	6	1	0	7
Institute of Sports Medicine	First Faculty of Medicine, Charles University and General University Hospital	2	0	0	2
Department of Obstetrics and Gynaecology	First Faculty of Medicine, Charles University and Na Bulovce Hospital	10	2	0	12
Department of Infectious and Tropical Diseases	First Faculty of Medicine, Charles University and Na Bulovce Hospital	1	1	0	2
Department of Plastic Surgery	First Faculty of Medicine, Charles University and Na Bulovce Hospital	5	0	0	5
Department of Surgery	First Faculty of Medicine, Charles University and Na Bulovce Hospital	3	0	0	3
Department of Orthopaedics	First Faculty of Medicine, Charles University and Na Bulovce Hospital	6	2	1	9
3 rd Department of Surgery	First Faculty of Medicine, Charles University and Motol University Hospital	15	2	2	19
Department of Otorhinolaryngology, Head and Neck Surgery	First Faculty of Medicine, Charles University and Motol University Hospital	12	0	2	14

unit	institution(s)	number of Ph.D. students at the unit			
		studying in 2017	studying in 2017		total students in 2017
			quitted	graduated	
Department of Spindylosurgery	First Faculty of Medicine, Charles University and Motol University Hospital	1	0	0	1
Department of Orthopaedics	First Faculty of Medicine, Charles University and Motol University Hospital	14	2	0	16
Department of Neurosurgery	First Faculty of Medicine, Charles University and Military University Hospital	12	0	1	13
Department of Medicine	First Faculty of Medicine, Charles University and Military University Hospital	4	2	0	6
Department of Infectious Diseases	First Faculty of Medicine, Charles University and Military University Hospital	4	0	0	4
Department of Orthopaedics	First Faculty of Medicine, Charles University and Military University Hospital	5	0	0	5
Department of Ophthalmology	First Faculty of Medicine, Charles University and Military University Hospital	2	1	0	3
Department of Oncology	First Faculty of Medicine, Charles University and Thomayer Hospital	2	0	0	2
Department of Surgery	First Faculty of Medicine, Charles University and Thomayer Hospital	2	0	0	2
Department of Respiratory Medicine	First Faculty of Medicine, Charles University and Thomayer Hospital	3	1	0	4
total		755	79	49	883

Doctoral State Examinations passed in 2017

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of examination
Ballay Rastislav	MUDr.		Experimental Surgery	13 Nov 2017
Bártová Klára	Mgr.	Ph.D.	Psychology	7 Nov 2017
Bořecká Klára	MUDr.		Biochemistry and Pathobiochemistry	25 Jan 2017
Cikánková Tereza	Mgr. Bc.		Neurosciences	3 Apr 2017
Čapoun Otakar	MUDr.		Experimental Surgery	9 Oct 2017
Doktorová Eliška	Mgr.		Molecular and Cellular Biology, Genetics and Virology	31 May 2017
Doležal Adam	JUDr.	LL.M.	Bioethics	8 June 2017
Dosedla Erik	MUDr.	Ph.D.	Experimental Surgery	27 Mar 2017
Fendrych Mazancová Adéla	Mgr.		Psychology	7 Nov 2017
Filipová Marcela	Mgr.		Molecular and Cellular Biology, Genetics and Virology	19 Oct 2017
Fremuntová Zuzana	Mgr.		Cell Biology and Pathology	15 Feb 2017
Haruštiak Tomáš	MUDr.	Ph.D.	Experimental Surgery	3 Apr 2017
Hornáček Matúš	Ing.		Cell Biology and Pathology	8 June 2017
Hurňáková Jana	MUDr.		Human Physiology and Pathophysiology	19 Oct 2017
Chmelík Zdeněk	PharmDr.		Preventive Medicine	15 Feb 2017
Kollárová Johana	Ing.		Cell Biology and Pathology	15 June 2017
Kopal Aleš	MUDr.		Neurosciences	3 Apr 2017
Koubská Eva	MUDr.		Neurosciences	3 Apr 2017
Kovalská Petra	MUDr.		Neurosciences	3 Apr 2017
Krajčovicová Alena	MUDr.	Ph.D.	Human Physiology and Pathophysiology	20 Apr 2017
Kudlička Jaroslav	MUDr.		Human Physiology and Pathophysiology	26 June 2017

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of examination
Kuchař Oliver	MUDr.		Biochemistry and Pathobiochemistry	23 Nov 2017
Kuliha Martin	MUDr.		Neurosciences	3 Apr 2017
Kutová Simona	Mgr.		Biochemistry and Pathobiochemistry	23 Nov 2017
Lízrová Jana	MUDr.		Neurosciences	3 Apr 2017
Lukáčová Vanda	MUDr.		Psychology	26 Sep 2017
Mačinga Peter	MUDr.		Human Physiology and Pathophysiology	16 Nov 2017
Májovský Martin	MUDr.	Ph.D.	Neurosciences	2 Jan 2017
Mašková Jana	MUDr.		Neurosciences	2 Oct 2017
Mateu Sanz Rosana		M.Sc.	Cell Biology and Pathology	15 June 2017
Myšák Jaroslav	MUDr.		Experimental Surgery	13 Nov 2017
Myšíková Dagmar	MUDr.		Experimental Surgery	27 Mar 2017
Neprašová Michaela	MUDr.		Human Physiology and Pathophysiology	16 Nov 2017
Novotný Róbert	MUDr.		Experimental Surgery	9 Oct 2017
Nurieva Olga	MUDr.		Preventive Medicine	29 June 2017
Obeidová Lena	Mgr.		Molecular and Cellular Biology, Genetics and Virology	14 Feb 2017
Pazourková Eva	MUDr.		Molecular and Cellular Biology, Genetics and Virology	10 May 2017
Pospíšilová Šárka	Mgr.		Molecular and Cellular Biology, Genetics and Virology	14 Feb 2017
Ptáčník Václav	MUDr.		Medical Biophysics	24 Oct 2017
Řepová Barbora	MUDr.		Human Physiology and Pathophysiology	19 Oct 2017
Sigitova Ekaterina		MD, Ph.D.	Psychology	16 May 2017
Slonková Jana	MUDr.	Ph.D.	Neurosciences	5 Apr 2017
Štekláčová Anna	MUDr.		Neurosciences	3 Apr 2017
Štěpánková Tereza	Mgr.		Psychology	7 Nov 2017
Štěrbová Zuzana	Mgr.		Psychology	26 Sep 2017
Šušlíková Kateřina	MUDr.		Cell Biology and Pathology	16 Nov 2017
Švára František	MUDr.		Medical Biophysics	21 June 2017
Tomášová Petra	Mgr.		Biochemistry and Pathobiochemistry	23 Nov 2017
Trošan Peter	Mgr.		Cell Biology and Pathology	15 June 2017
Týblová Michaela	MUDr.	Ph.D.	Neurosciences	5 June 2017
Válka Jan	MUDr.		Cell Biology and Pathology	16 Nov 2017
Vojtěchová Iveta	Mgr.		Neurosciences	3 Apr 2017
Židková Monika	Mgr.		Pharmacology and Toxicology	19 Oct 2017

Theses defended in Ph.D. study programmes in 2017

Surname and first name	Degree (before name)	Degree (after name)	Doctoral study programme	Title of thesis	Date of defence
Argalácsová Soňa	MUDr.	Ph.D.	Pharmacology and Toxicology	Pharmacogenomic prediction of efficiency and safety of tamoxifen in treatment of hormone dependent women with breast carcinoma	1 Sep 2017
Bakhouche Hana	PharmDr.	Ph.D.	Pharmacology and Toxicology	Influence of selected pharmacogenetic biomarkers on efficiency and safety of pharmacotherapy	25 July 2017
Beličková Monika	Mgr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	Myelodysplastic syndrome – search of molecular nature	19 Sep 2017
Bielčíková Zuzana	MUDr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	Circulating tumor cells in breast cancer patients	19 Sep 2017
Bolková Jitka	Mgr.	Ph.D.	Developmental and Cell Biology	Nucleus architecture and gene expression in <i>Caenorhabditis elegans</i>	14 June 2017

Surname and first name	Degree (before name)	Degree (after name)	Doctoral study programme	Title of thesis	Date of defence
Bonnet Cecilia		MD, Ph.D.	Neurosciences	Eye Movement Metrics in the Differentiation of Parkinsonian Syndromes	24 Apr 2017
Burian Michal	MUDr.	Ph.D.	Experimental Surgery	New surgical management of morbus Perthes through anteromedial reduction osteotomy of the bone head	2 Oct 2017
Černý Libor	MUDr.	Ph.D.	Gerontology	Factors influencing the communication in hearing impairment at elderly age	6 Sep 2017
Dosedla Erik	MUDr.	Ph.D.	Experimental Surgery	Ultrasound characteristics of abdominal cavity 6 weeks after caesarean section	2 Oct 2017
Dušejvská Magdaléna	MUDr.	Ph.D.	Biochemistry and Pathobiochemistry	Size of particular lipoprotein particles in various pathologic states	26 Sep 2017
Dvořák Aleš	Mgr.	Ph.D.	Biochemistry and Pathobiochemistry	Mitochondria as target of anti-tumour therapy	23 May 2017
Fialová Elena	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Changes in electric field of the heart in disorders of glucose metabolism and scope of influencing them through adjustment of impaired autonomous nerve regulation	14 Sep 2017
Fraňková Soňa	MUDr.	Ph.D.	Biochemistry and Pathobiochemistry	Role of host-dependent factors in prediction of antiviral treatment response in chronic hepatitis C	28 June 2017
Hánová Petra	MUDr.	Ph.D.	Preventive Medicine	Epidemiological aspects of inflammatory rheumatic diseases and diffuse diseases of connective tissues	11 Dec 2017
Hartinger Jan	Mgr.	Ph.D.	Cell Biology and Pathology	Molecular nature of aetiology of toxic action of fluoropyrimidine with focus on palmar-plantar erythrodysesthesia and use of potential antidotes	8 June 2017
Haruštiak Tomáš	MUDr.	Ph.D.	Experimental Surgery	Optimization of pre-operative and operative treatment of oesophageal carcinoma and oesophageal-gastric junction: use of PET/CT in diagnosis and evaluation of efficiency of pre-operative chemotherapy and technique of construction of anastomosis as a factor of post-operative complications after oesophagectomy	18 Sep 2017
Hegarová Markéta	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Contribution of BNP investigation to precise prognosis in patients with advanced cardiac failure	15 June 2017
Humajová Jana	MUDr.	Ph.D.	Medical Biophysics	Chelating polymers for treatment of Wilson disease	28 Feb 2017
Hušková Hana	Mgr.	Ph.D.	Human Physiology and Pathophysiology	Investigating critical mechanisms of oncogenesis using cell model systems	21 Sep 2017
Chakraborty Soma	Mgr.	B.Sc., M.S	Medical Biophysics	Kinematic analysis of rhythmic motion: the cases of human hand tremor and fly wingbeat.	28 Feb 2017
Chrbolka Pavel	MUDr.	Ph.D.	Gerontology	Relation of prothrombogenic factors to hearing disturbances with tinnitus	6 Sep 2017
Chroustová Daniela	MUDr.	Ph.D.	Medical Biophysics	Scintigraphy detection of functional tissue of parathyroid bodies in hyperparathyreosis	14 Nov 2017
Kašparová Dita	MUDr.	Ph.D.	Experimental Surgery	Determination of spontaneous abortions – role of the gene for APO E, importance of selected thrombophil states and function of thyroid gland in pregnancy	25 Sep 2017
Kemelo Kgalalelo Mighty	MUDr.	Ph.D.	Pharmacology and Toxicology	Hepatoprotective action of resveratrol and similar substances with allosteric influence on epigenetic drug targets	25 July 2017
Kloučková Jana	Mgr.	Ph.D.	Human Physiology and Pathophysiology	Molecular mechanisms of origin of metabolic syndrome with focus on new hormones produced by fatty, liver analysis muscular tissue	26 June 2017
Kokavec Juraj	Mgr.	Ph.D.	Developmental and Cell Biology	Role of Smarca5 (Snf2h) chromatin remodeling ATPase in hematopoietic development and erythropoiesis	17 May 2017
Košlábová Eva	MUDr.	Ph.D.	Experimental Surgery	Clinical aspects of infection with human papillomaviruses in diagnosis and treatment in patients with spinocellular carcinoma of oral cavity and oropharynx	18 Sep 2017
Krajčoviechová Alena	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Genetic and molecular mechanisms of arterial hypertension in relation to chronic inflammation, oxidative stress, and chronic kidney disease	21 Sep 2017

Surname and first name	Degree (before name)	Degree (after name)	Doctoral study programme	Title of thesis	Date of defence
Májovský Martin	MUDr.	Ph.D.	Neurosciences	Pineal lesions: clinical picture, hormone production and quality of sleep, effect of surgical treatment	25 Sep 2017
Maswabi Bokang Calvin	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Characterization of hematopoietic cells in patients with mature B-cell malignancies	14 Sep 2017
Mrázková Hana	MUDr.	Ph.D.	Experimental Surgery	Role of free oxygen radicals in ischemic-reperfusion damage to lungs in lung transplantation and scope of prevention of radical-induced damage	20 Feb 2017
Nártová Eva	MUDr.	Ph.D.	Experimental Surgery	Detection and genotyping of strains of <i>Helicobacter pylori</i> in Waldeyer's lymphatic ring and its influence on occurrence of pathologies in this area	29 May 2017
Pánková Alexandra	MUDr.	Ph.D.	Preventive Medicine	Smoking and body weight	29 June 2017
Pytlík Robert	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Human multipotent mesenchyme stromal cells – bone differentiation and support of haematopoiesis	14 Sep 2017
Quinn V John Michael	MUDr.	MPH, Ph.D.	Preventive Medicine	Disaster, war, conflict, complex emergencies and International public health risks	21 Sep 2017
Riegerová Petra	Mgr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	Use of method of RNA interference (RNAi) to study of oncogenous properties of Kaposi sarcoma virus (KSHV)	31 May 2017
Salfellner Harald	Dr. med. univ.	Dr., Ph.D.	History of Medicine	Pandemic of Spanish flu in 1918-1919 with special focus on Czechia and situation in Central Europe	8 June 2017
Sigitova Ekaterina		MD, Ph.D.	Psychology	Psychopathology, mental disorders and mitochondrial disorders	26 Sep 2017
Slonková Jana	MUDr.	Ph.D.	Neurosciences	Ventilation disturbances in sleep in patients after acute CVA. Obstructive sleep apnoe and cognitive deficit after acute CVA	18 Sep 2017
Šíma Martin	PharmDr.	Ph.D.	Pharmacology and Toxicology	Factors influencing distribution and elimination of medicinal drugs and their use in personalized pharmacotherapy	19 Oct 2017
Škřeňová Markéta	Ing.	Ph.D.	Biochemistry and Pathobiochemistry	Individualization of the treatment of prostate cancer patients based on the immunocytochemical detection of circulating tumor cells	23 Nov 2017
Šmít Daniel	Mgr.	Ph.D.	Medical Biophysics	Analysis of dynamical interactions of axon shafts and their biophysical modelling.	15 May 2017
Šoupal Jan	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Biomarkers in diagnosis and therapy of late complications of diabetes	26 June 2017
Šusta Marek		M.A., MBA	Neurosciences	Brain Activation Sequences	6 Mar 2017
Thieme Lenka	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Insulin resistance and postprandial state in type 2 diabetes. Influence of frequency and composition of meals on glucose metabolism and other manifestations of metabolic syndrome	21 Sep 2017
Tichá Veronika	MUDr.	Ph.D.	Neurosciences	Immunosuppression in active multiple sclerosis: combined treatment with interferon beta and azathioprine and monotherapy with fingolimod	11 Sep 2017
Toušková Petrasková Tereza	MUDr.	Ph.D.	Psychology	Cognitive Disorganisation and Insight in Schizophrenia.	7 Nov 2017
Trachta Pavel	MUDr.	Ph.D.	Human Physiology and Pathophysiology	Changes in endocrine function and inflammation profile of fatty tissue and peripheral monocytes in patients with obesity: influence of physical activity and bariatric surgery	21 Sep 2017
Týblová Michaela	MUDr.	Ph.D.	Neurosciences	Influence of corticosteroids and motion deficit on development of osteoporosis in patientd with multiple sclerosis	11 Sep 2017
Urban Michal	PharmDr.	Ph.D.	Preventive Medicine	Pharmacovigilance in toxicologic information centre	15 Feb 2017
Valušková Paulína	Mgr.	Ph.D.	Human Physiology and Pathophysiology	Modulation of central cholinergic neurotransmission	19 Oct 2017
Vaněček Václav	MUDr.	Ph.D.	Preventive Medicine	Damage of health in professional athletes, rehabilitation and prevention	21 Sep 2017
Velická Helena	MUDr.	Ph.D.	Preventive Medicine	Influence of air pollution on manifestations of asthma	15 Feb 2017

Surname and first name	Degree (before name)	Degree (after name)	Doctoral study programme	Title of thesis	Date of defence
Větrovská Renata	Mgr.	Ph.D.	Human Physiology and Pathophysiology	Physiologic aspects of measurement of body composition	14 Sep 2017
Vít Ondřej	Mgr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	Proteomic analysis of soluble and transmembrane proteins in human lymphoma cells	31 May 2017
Yang Shiann-Guey		MD	Human Physiology and Pathophysiology	Selected differences in pathophysiology of cardiovascular system in women	16 Mar 2017
Zvára Karel	Ing.	Ph.D.	Biomedical Informatics	Extraction of information from medical texts	26 Sep 2017

Numbers of students admitted and dissertation theses defended in doctoral study programmes at the First Faculty of Medicine in the past 5 years (2013–2017)

year	2013	2014	2015	2016	2017	2013–2017
admitted	140	149	166	169	122	746
defended	69	58	45	53	57	282

THE MD/Ph.D. PROGRAMME IMPLEMENTED IN CO-OPERATION OF CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE AND THE GENERAL UNIVERSITY HOSPITAL IN PRAGUE

In co-operation with the General University Hospital, the First Faculty of Medicine offers students of full-times Ph.D. programmes the option of enrolment for pre-attestation specialty training in various educational programmes. The aim of this activity is to promote the quality of research at clinical institutions of the hospital in all fields of health that are considered as priorities. With the students enrolled who meet the requisites, the General University Hospital makes fixed-term employment contracts (up to 0.5 position), for no longer than till the end of the full-time study, and they are entitled to a bursary if in the full-time form of studies.

To enhance quality in the MD/Ph.D. programme, specific criteria have been adopted to assess the prospective students, and subsequently to evaluate the students' individual plans of studies. In 2017, the General University Hospital put up posts for competition twice:

1. **For students who had been admitted to the MD/Ph.D. programme and had applied for extension of the employment contract.**

(a) Eight students out of eight applicants were granted extension of the employment contract at the units of the First Faculty of Medicine and the General University Hospital, in particular at the 3rd Department of Medicine – Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague; Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague; and Institute of Biology and Medical Genetics, First Faculty of Medicine, Charles University and General University Hospital in Prague.

(b) Five students had not met one of the requirements, in particular “study in the full-time form” (including the entitlement to the bursary) and their contracts were therefore terminated.

2. **For students who applied for the MD/Ph.D. programme for the first time.**

Out of the four students who had applied, three were admitted to the joint units of the First Faculty of Medicine and the General University Hospital, in particular to the 1st Department of Medicine – Department of Haematology, First Faculty of Medicine, Charles University and General University Hospital in Prague; Department of Ophthalmology, First Faculty of Medicine, Charles University and General University Hospital in Prague; and Institute of Pathological Physiology, First Faculty of Medicine, Charles University.

CONDITIONS OF STUDIES IN DOCTORAL STUDY PROGRAMMES – SITUATION IN 2017

To the application, the applicant for studies has to enclose the documents specified in the Conditions of admission for studies (displayed at the webs of the Faculty and Charles University): proof of education, its translation to Czech language, nostrification, visa with the identifying code of the purpose of stay in the Czech Republic (labour law – other contractual relation), expert opinion of the prospective Supervising Tutor including the annotation of the project in Czech and English language.

Granting of scholarships is subject to the Scholarship and Bursary Rules of Charles University, valid 25th July 2017, effective since 1st October 2017.

Students enrolled in the full-time form of studies are enrolled to 48 payments of the bursary. The amount of the bursaries between 1st October 2016 and 30th September 2017 was set by the Rector's Order number 6/2016 as follows:

1 st year of studies	CZK 6,300
2 nd year of studies	CZK 7,600
3 rd year of studies	CZK 8,700
4 th year of studies	CZK 8,800

In May, Dean's Order number 7/2017 was issued to provide the amount of bursaries for the academic year 2017–2018, with the effect from 1st October 2017 as follows:

1 st year of studies	CZK 7,000
2 nd year of studies	CZK 8,000
3 rd year of studies	CZK 9,000
4 th year of studies	CZK 9,500

The fee for entrance procedures in the academic year 2016–2017 for applicants for studies in doctoral study programmes was set at the amount of CZK 540.

The fee for studies in English language is subject to the provisions of Section 58 Subsection 5 of the Act number 111/1998 Coll., Higher Education Act, and Article 4 Subsection 1 of the Appendix No. 2 to the Constitution of Charles University – Fees for Study, and it is set at the amount of CZK 2,000.



*Prof. RNDr. Libuše Kolářová, CSc.
Vice-Dean for Grant Projects
and Postgraduate Doctoral Studies*



In its sessions, the Scientific Board of the First Faculty of Medicine performed 9 procedures for appointment to professor posts and 16 habilitation procedures to appoint associate professors in 2017. The Faculty possesses accreditations for 21 doctoral study programmes. In 2017, the total number of 57 students successfully completed their studies in doctoral programmes.

The Faculty possesses accreditations for habilitation procedures in 38 fields and accreditations for procedures to appoint to professor posts in 36 fields.

On the occasion of important personal jubilees, and for special merits in development of the University, Prof. MUDr. Alois Martan, DrSc., Prof. MUDr. RNDr. Jiří Beneš, DrSc., Prof. MUDr. Pavel Martásek, DrSc., and Prof. MUDr. Jana Dušková, DrSc., were granted silver medals by the Rector of Charles University in Prague at the proposal of the Dean of the First Faculty of Medicine in 2017, and Prof. MUDr. Přemysl Strejc, DrSc., was awarded the gold medal. Further, the Rector of Charles University awarded the silver medal of Charles University to Prof. MUDr. Eduard Zvěřina, DrSc., Prof. MUDr. Vladimír Tesař, DrSc., and Assoc. Prof. MUDr. Jan Šváb, CSc.

In 2016, the Rector's Board of Charles University approved four proposals from the First Faculty of Medicine to appoint visiting professors. The new visiting professors are: Prof. Markus Wolfgang Büchler, Dr. Med, Department of General Surgery University of Heidelberg for the 1st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague; Prof. B. Blobel, Dr. habil., University of Regensburg, for the 3rd Department of Medicine – Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague; Prof. Vladimír Krátký, BSc., MD, FRCSC, DABO, Department of Ophthalmology Queens University, for the Department of Ophthalmology, First Faculty of Medicine, Charles University and Military University Hospital Prague; and Prof. Stefan Rammelt, Dr. med., Ph.D., Foot&Ankle Section, University Center for Orthopaedics and Traumatology Dresden, for the Department of Orthopaedics, First Faculty of Medicine, Charles University and Military University Hospital Prague and the Institute of Anatomy, First Faculty of Medicine, Charles University.

Survey of international grants

Name of project	Type of instrument
A Randomized clinical trial to evaluate the effectiveness of a multi-modal intervention in older people with type 2 diabetes on frailty and quality of life: THE MID-FRAIL STUDY	7 th Framework Programme
Clonidine for Sedation of Paediatric Patients in the Intensive Care Unit (CLOSED)	7 th Framework Programme
Determinants of successful implementation of selective prevention of cardio-metabolic disease across Europe (SPIM EU)	HORIZON 2020
Female cancer prediction using cervical omics to individualise screening and prevention (FORECEE)	HORIZON 2020
Conservative iron chelation as a disease-modifying strategy in Parkinson's disease: a multicentric, parallel-group, placebo-controlled, randomized clinical trial of deferiprone (FAIR-PARK-II)	HORIZON 2020
Next generation sepsis diagnosis - SMARTDIAGNOS	HORIZON 2020
Anti-Biopharmaceutical Immunization: Prediction and analysis of clinical relevance to minimize the risk (ABIRISK)	IMI Joint Undertaking
Sarcopenia and physical frailty in older people: multi-component treatment strategies (SPRINTT)	IMI Joint Undertaking
Using Multidimensional Ronostic Indices (MPI) to improve cost-effectiveness of interventions in multimorbid frail older persons (MPI_AGE)	EAHC

Name of project	Type of instrument
STOP-SV – Staff training on prevention of sexual violence: developing prevention and management strategies for the nightlge workplace	Directorate-general justice
UPC Adapt: Implementing a prevention training curriculum in Europe: Adaption and Piloting	Directorate-general justice
The development of human resources, evidence base and quality standards in addictology (trans-disciplinary addiction science) in Georgia	Education, Audiovisual and Culture Executive agency

GRANT SUPPORT FOR SCIENCE AND RESEARCH

Number of grant projects at the First Faculty of Medicine and the General University Hospital 2013–2017

Name of grant agency	2013		2014		2015		2016		2017	
	Faculty	Hospital	Faculty	Hospital	Faculty	Hospital	Faculty	Hospital	Faculty	Hospital
Grant Agency of Czech Republic	43	2	41	3	32	3	28	5	28	5
Grant Agency of Charles University	69	0	71	0	78	0	78	0	80	0
Grant agency of Ministry of Health	55	94	51	92	41	76	0	0	0	0
AZV ČR					27	26	44	46	59	62
UNCE, PRVOUK, PROGRES	17	0	17	0	17	0	17	0	19	0
TAČR	1	0	3	1	6	1	3	2	5	2
Other ministries	20	3	23	3	22	2	16	1	20	1
Academy of Sciences	0	0	0	0	0	0	0	0	0	0
International grants	21	7	24	7	22	9	18	6	13	6
subtotal	226	106	230	106	245	117	204	60	224	76
total Faculty & Hospital		332		336		362		264		300

Survey of numbers and success rates of the grant applications by agencies between 2013 and 2017

year of launching of the project	Grant Agency of the Czech Republic			Grant Agency of Charles University			Grant Agency of the Ministry of Health, AZVČR		
	applications	grants	%	applications	grants	%	applications	grants	%
2013	40	7	18	74	16	22	39	13	33
2014	36	4	11	69	21	30	0	0	0
2015	21	3	14	81	29	36	48	16	33
2016	23	5	22	64	18	28	42	11	26
2017	22	8	36	81	28	35	28	6	21

Subsidies for science and research 2013–2017 (in Czech crowns)

year	First Faculty of Medicine of Charles University	General University Hospital	total CZK
2013	390,793,883	198,900,000	589,693,883
2014	376,533,386	195,930,000	572,463,386
2015	376,198,826	193,974,000	570,172,826
2016	0	161,435,243	161,435,243
2017	354,817,338	209,638,651	564,455,989

Basic parameters of scientific activity at the First Faculty of Medicine 2013–2017

	Financial and personnel support						Publications (selection)					Response in citations	
	Grant funds allotted in thousands CKR	Number of grant projects incl. those submitted in Gen. Univ. Hospital and Research Concepts	Total manpower of the Faculty (converted to full-time positions)	Number of students in doctoral study programmes	Total number of publications	Total number of authors	Monographs and textbooks in Czech or English	Original expert and scientific publications and reviews without IF	Original expert and scientific publications incl. reviews in journals with IF	Number of authors publishing in journals with IF	Total IF scores of the journals in which the publications occurred	Number of citations according to SCI	Number of authors quoted in SCI
2013	390,794	328 1	960.48 (+106.8) ^{1/} (+150.88) ^{2/}	973	1,886	1,511	64	636	529	753	1,989.4	26,304	1,081
2014	376,533	336 0	963.89 (+60.33) ^{1/} (+184.74) ^{2/}	1,084	1,892	1,494	87	671	631	756	2,302.2	29,072	1,107
2015	376,198	362 0	1,203.65 389.333 ^{1/} ^{2/}	988	1,987	1,720	68	622	600	777	2,287.5	33,856	1,221
2016	333,138	264 0	1,189.31 (262.029) ^{1/} ^{2/}	954	1,987	1,540	50	615	642	817	2,583.9	37,351	1,185
2017	354,817	300 0	1,187.08 (277.241) ^{1/} ^{2/}	1093									

^{1/} From grants^{2/} From Research Concepts – not available any more since

STUDENT SCIENTIFIC CONFERENCE



On 23th May 2017, our Faculty held the traditional Student Scientific Conference, the 18th in line, but in a completely new format this time. The 18th Student Scientific Conference took place in the lecture hall and the adjacent rooms of the Purkinje Building at Albertov. The total number of 117 presentations was registered, which could be presented either in the form of lectures or as posters. Students registered in electronic form via a web interface. The registered presentations, or rather their abstracts, were assessed by expert boards, which then decided on admission of the abstract to the competition and the way of presenting it.

The board for undergraduate presentations:

Assoc. Prof. Ing. Karel Holada, Ph.D.,
 Assoc. Prof. MUDr. Ondřej Naňka, Ph.D.,
 Assoc. Prof. RNDr. Jiří Petrák, Ph.D.,
 Assoc. Prof. MUDr. Vladimír Riljak, Ph.D., and
 Assoc. Prof. MUDr. Jan Živný, Ph.D.

The board for postgraduate presentations:

PhDr. PaedDr. Pavel Harsa, Ph.D. et Ph.D.,
 Prof. PhDr. Michal Miovský, Ph.D.,
 Assoc. Prof. MUDr. Zdeněk Kleibl, Ph.D.,
 Prof. Ing. Stanislav Kmoch, CSc.,
 Prof. MUDr. Tomáš Stopka, Ph.D.,
 Prof. MUDr. Aleš Žák, DrSc., and
 Assoc. Prof. MUDr. Jan Živný, Ph.D.

This board set the standings of the best postgraduate presentations (abstracts A201–A2012):

Prof. RNDr. Libuše Kolářová, CSc.
 Assoc. Prof. MUDr. Jan Živný, Ph.D.
 Assoc. Prof. MUDr. Tomáš Kučera, Ph.D.
 Assoc. Prof. RNDr. Jiří Petrák, Ph.D.

Tato komise stanovila nejlepší přednášky postgraduální (abstrakty a201–a2012):

1st prize: Ing. Ivana Jedličková, A206

(First Faculty of Medicine of Charles University, Molecular and Cellular Biology, Genetics and Virology, 3rd year of studies),
presentation: New DNAJC5 mutation initially missed by Sanger sequencing and whole-exome sequencing identified in a familial case of adult-onset neuronal ceroid lipofuscinosis (ANCL)

supervising tutor: Assoc. Prof. Ing. Stanislav Kmoch, CSc., Institute of Inherited Metabolic Disorders, First Faculty of Medicine, Charles University and General University Hospital in Prague

2nd prize: MUDr. Veronika Živicová, A209

(First Faculty of Medicine of Charles University, Experimental Surgery, 3rd year of studies),

presentation: Characteristics of fibroblasts from cleavage facial defects in children,

supervising tutor: RNDr. Barbora Dvořánková, Ph.D., Institute of Anatomy, First Faculty of Medicine, Charles University

And undergraduate presentations (abstracts A101–A105):

1st prize: Alexandra Ioannou, A102 (First Faculty of Medicine of Charles University, General Medicine, 6th year of studies)

presentation: Correlation between Percent of Endomyocardial Fibrosis on Biopsy and Cardiac Magnetic Resonance,

supervising tutor: Prof. MUDr. David Sedmera, DSc., Institute of Anatomy, First Faculty of Medicine, Charles University

1st prize: Karim Hassan, A102 (First Faculty of Medicine of Charles University, General Medicine, 6th year of studies)

presentation: Correlation between Percent of Endomyocardial Fibrosis on Biopsy and Cardiac Magnetic Resonance,

supervising tutor: Prof. MUDr. David Sedmera, DSc., Charles University, First Faculty of Medicine, Institute of Anatomy

Presentations in the form of posters – postgraduate – were assessed by the following board:

Assoc. Prof. MUDr. Zdeněk Kleibl, Ph.D.,

Assoc. Prof. MUDr. Petra Lišková, PhD.,

Prof. Ing. Stanislav Kmoch, CSc., and

Assoc. Prof. MUDr. Michal Vráblík, PhD.

This board set the standings of the best postgraduate posters (posters B201–B253):

1st prize: Mgr. Ondřej Vít, B203

(First Faculty of Medicine of Charles University, Molecular and Cellular Biology, Genetics and Virology, 7th year of studies)

presentation: Focus on integral membrane proteins: analysis of membrane of the proteome pheochromocytomas,

supervising tutor: Assoc. Prof. RNDr. Jiří Petrák, PhD., BIOCEV, the First Faculty of Medicine of Charles University

2nd prize: MUDr. Pavla Peřinová, B253 (1. LF UK, Neurosciences, 1st year of studies)

presentation: Follow-up of patients with behavioral disorder in REM sleep – risk of conversion into neurodegeneration

supervising tutor: Prof. MUDr. Karel Šonka, DrSc., Department of Neurology, First Faculty of Medicine, Charles University and General University Hospital in Prague

Undergraduate posters (posters B101–117) were assessed by the following board:

Assoc. Prof. MUDr. Ondřej Naňka, Ph.D.,

Assoc. Prof. MUDr. Vladimír Riljak, Ph.D.,

which set the following standings:

1st prize: Antonín Tichý, B103 (First Faculty of Medicine of Charles University, dentistry, 4th year of studies)

presentation: Influence of duration of polymerization and intensity of irradiation of polymerization lamp on hardening of modern nanocomposite materials,

supervising tutor: RNDr. Pavel Bradna, CSc., Department of Stomatology, First Faculty of Medicine, Charles University and General University Hospital in Prague

2nd prize: Šárka Hnilicová, B108

(Faculty of Natural Science of Charles University, programme Biology, branch Immunology, 1st year of studies)

presentation: Influence of intranasal immunization with delipidated Bacillus firmus on immune response in NALT

supervising tutor: RNDr. Jiří Hrdý, Ph.D., Institute of Immunology and Microbiology, First Faculty of Medicine, Charles University and General University Hospital in Prague

The papers and their presentations in competition were assessed by points (max. number given in brackets) in the following aspects: scientific contribution and knowledge of the problem area (20 points), level of presentation (10 points), and the student's own contribution and independence of work (5 points). A presenter could therefore be given 35 point from the board of evaluators as the maximum.

Further, the participants of the 18th Student Scientific Conference could vote in a poll to choose the best poster. The 54 participants that voted set the following standing:

Postgraduate posters (posters B201–B253):

1st prize: MUDr. Silvie Hrubá, B221

(First Faculty of Medicine of Charles University, Experimental Surgery, 2nd year of studies)

presentation: Possibilities of influencing disorders of balance after surgery for vestibular schwannoma

supervising tutor: Assoc. Prof. MUDr. Martin Chovanec, Ph.D., Department of Otorhinolaryngology of the Third Faculty of Medicine of Charles University and the University Hospital Královské Vinohrady

1st prize: Ing. Olga Součková B234

(First Faculty of Medicine of Charles University, Biochemistry and Pathobiochemistry, 3rd year of studies)

presentation: Study into de novo synthesis of purins in cell models and in the organism of *Caenorhabditis elegans*

supervising tutor: Ing. Marie Zikánová, Ph.D., Institute of Inherited Metabolic Disorders, First Faculty of Medicine, Charles University and General University Hospital in Prague

Undergraduate posters (posters B101–B117):

1st prize: Zdeněk Laštůvka, B105 (First Faculty of Medicine of Charles University, General medicine, 4th year of studies)

presentation: Behavioural and morphologic consequences of perinatal hypoxia in the laboratory rat

supervising tutor: Assoc. Prof. MUDr. Vladimír Riljak, Ph.D., Institute of Physiology, First Faculty of Medicine, Charles University

The award ceremony was held at the Academic Club of the First Faculty of Medicine of Charles University in Faust House on 31st May 2017 at 2 p.m.



*Prof. RNDr. Libuše Kolářová, CSC.
Vice-Dean for Grant Projects
and Postgraduate Doctoral Studies*



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

2016 BIBLIOGRAPHY

For quite a number of years, the Annual Report of the First Faculty of Medicine of Charles University in Prague has presented surveys of the data collected about publishing activities of the Faculty staff members and their statistical analysis concerning particular types of the documents.

Bibliometric data processing is based on classification of publication in categories according to the values of the impact factor (IF) and scoring of the publication result (BIB) points allotted, pursuant to the Resolution VII/7 of the Scientific Council of the First Faculty of Medicine of Charles University of 31st January 2006, as updated by later Resolutions of the Scientific Council of the Faculty.

The survey of point values for particular categories, including the 2016 statistics, is given at page 64.

Distribution of the shares of IF and BIB points as well as citations (SCI) according to the Web of Science data base among the authors was set in such a manner that would give an advantage to the first author and the corresponding author (who are given one third of the total point value) while the remaining third is evenly shared by the other co-authors. For the purpose of conversion of the totals of the points gained by particular organization units to the workload, the total number of position only includes positions of the academic staff (i.e. full, associate and assistant professors, and lecturers).

In 2016, the total of 1,987 items that fall into the categories under survey were published. The number of publishing authors from the First Faculty of Medicine of Charles University was 1,540. In 2016, the total number of 847 authors from the First Faculty of Medicine of Charles University participated in publication of 570 original and 72 synoptic articles in journals with impact factors (IF). The number of citations of publications by authors from the First Faculty of Medicine according to the Web of Science™ data base was 37,351, which is more by 3,495 more, compared to the year before.

Since 2007, the Annual Report of the Faculty has presented the values of the Hirsch index (h-index) each year, both for particular authors (see the table "Hirsch index" – page 76) and the First Faculty of Medicine as a whole. By 31st December 2017, the institutional h-index for the Faculty equalled 112. In the long-term aspect, the First Faculty of Medicine of Charles University shows a constant increase in this value as well.

PUBLICATIONS IN JOURNALS WITH HIGH IMPACT FACTORS:

- 3 publications in a journal with IF = 47,831 (The Lancet)
- 1 publication in a journal with IF = 44,405 (JAMA: The Journal of the American Medical Association)
- 4 publications in a journal with IF = 33,9 (The Lancet: Oncology)
- 1 publication in a journal with IF = 27,959 (Nature Genetics)
- 1 publication in a journal with IF = 26,284 (The Lancet: Neurology)
- 3 publications in a journal with IF = 24,008 (Journal of Clinical Oncology)
- 2 publications in a journal with IF = 19,651 (European Heart Journal)
- 2 publications in a journal with IF = 19,309 (Circulation)
- 2 publications in a journal with IF = 19,287 (The Lancet: Respiratory Medicine)
- 1 publication in a journal with IF = 18,392 (Gastroenterology)
- 1 publication in a journal with IF = 16,658 (Gut)
- 3 publications in a journal with IF = 16,265 (European Urology)
- 1 publication in a journal with IF = 13,858 (Journal of the American Chemical Society)
- 3 publications in a journal with IF = 13,164 (Blood)
- 8 publications in a journal with IF = 12,811 (Annals of the Rheumatic Diseases)
- 1 publication in a journal with IF = 12,784 (Journal of Clinical Investigation)
- 1 publication in a journal with IF = 12,486 (Journal of Hepatology)
- 1 publication in a journal with IF = 12,015 (Intensive Care Medicine)
- 1 publication in a journal with IF = 11,994 (Angewandte Chemie – International Edition)
- 1 publication in a journal with IF = 10,732 (Trends in Molecular Medicine)
- 1 publication in a journal with IF = 10,569 (European Respiratory Journal)
- 1 publication in a journal with IF = 10,292 (Brain)
- 1 publication in a journal with IF = 9,89 (Annals of Neurology)
- 1 publication in a journal with IF = 9,619 (Clinical Cancer Research)
- 1 publication in a journal with IF = 9,025 (American Journal of Human Genetics)
- 2 publications in a journal with IF = 8,961 (Autoimmunity Reviews)
- 1 publication in a journal with IF = 8,958 (Sleep Medicine Reviews)
- 1 publication in a journal with IF = 8,643 (Small)
- 1 publication in a journal with IF = 7,738 (International Journal of Epidemiology)
- 1 publication in a journal with IF = 7,719 (OncoImmunology [online])

3 publications in a journal with IF = 7,702 (Haematologica)
1 publication in a journal with IF = 7,592 (Neurology)
3 publications in a journal with IF = 7,349 (Journal of Neurology, Neurosurgery and Psychiatry)
2 publications in a journal with IF = 7,307 (Bioinformatics)
1 publication in a journal with IF = 7,277 (European Journal of Nuclear Medicine & Molecular Imaging)
1 publication in a journal with IF = 7,202 (Eurosurveillance [online])
2 publications in a journal with IF = 7,123 (The Lancet: Haematology)
2 publications in a journal with IF = 7,114 (The Journal of Heart and Lung Transplantation)
1 publication in a journal with IF = 7,088 (Environmental International)
3 publications in a journal with IF = 7,072 (Movement Disorders)
1 publication in a journal with IF = 7,05 (Critical Care Medicine)
1 publication in a journal with IF = 6,968 (European Journal of Heart Failure)
2 publications in a journal with IF = 6,857 (Hypertension)
1 publication in a journal with IF = 6,799 (Molecular Metabolism)
2 publications in a journal with IF = 6,513 (International Journal of Cancer)
1 publication in a journal with IF = 6,501 (Gastrointestinal Endoscopy)
1 publication in a journal with IF = 6,375 (Cancer Letters)
1 publication in a journal with IF = 6,259 (Journal of Medicinal Chemistry)
4 publications in a journal with IF = 6,189 (International Journal of Cardiology)
1 publication in a journal with IF = 6,126 (Blood Cancer Journal)
1 publication in a journal with IF = 6,1 (PLoS Genetics [online])
2 publications in a journal with IF = 5,997 (Cancer)
1 publication in a journal with IF = 5,965 (Cell death & disease)
2 publications in a journal with IF = 5,957 (Journals of Gerontology – Series A Biological Sciences and Medical Sciences)
1 publication in a journal with IF = 5,878 (Cardiovascular Research)
1 publication in a journal with IF = 5,843 (Development)
1 publication in a journal with IF = 5,835 (Macromolecules)
1 publication in a journal with IF = 5,813 (Journal of Crohn's and Colitis)
1 publication in a journal with IF = 5,775 (Journal of the American Medical Directors Association)
1 publication in a journal with IF = 5,673 (American Journal of Sports Medicine)
1 publication in a journal with IF = 5,574 (American Journal of Obstetrics and Gynecology)
1 publication in a journal with IF = 5,5 (Mutation Research: Reviews)
1 publication in a journal with IF = 5,498 (The FASEB Journal)
2 publications in a journal with IF = 5,451 (Journal of Medical Genetics)
1 publication in a journal with IF = 5,444 (Endoscopy)
1 publication in a journal with IF = 5,363 (American Journal of Surgical Pathology)
2 publications in a journal with IF = 5,34 (Human Molecular Genetics)
1 publication in a journal with IF = 5,34 (Critical Reviews in Clinical Laboratory Sciences)
2 publications in a journal with IF = 5,267 (Endocrine-Related Cancer)
1 publication in a journal with IF = 5,23 (Resuscitation)
4 publications in a journal with IF = 5,168 (Oncotarget)
1 publication in a journal with IF = 5,165 (EuroIntervention)
2 publications in a journal with IF = 5,02 (Human Reproduction)
1 publication in a journal with IF = 5,018 (Biochimica et Biophysica Acta – Gene Regulatory Mechanisms)
1 publication in a journal with IF = 5,012 (Neuropharmacology)

PUBLICATIONS IN JOURNALS WITH THE HIGHEST IMPACT FACTORS, BY THE AUTHOR'S ROLE ¹

TRNĚNÝ, Marek - LAMY, Thierry - WALEWSKI, Jan - BELADA, David - MAYER, Jiri - RADFORD, John - JURCZAK, Wojciech - MOR-SCHHAUSER, Franck - ALEXEEVA, Julia - RULE, Simon - AFANASYEV, Boris - KAPLANOV, Kamil - THYSS, Antoine - KUZMIN, Alexej - VOLOSHIN, Sergey - KULICZKOWSKI, Kazimierz - GIZA, Agnieszka - MILPIED, Noel - STELITANO, Caterina - MARKS, Reinhard - TRUEMPER, Lorenz - BIYUKOV, Tsvetan - PATTURAJAN, Meera - BRAVO, Marie-Laure Casadebaig - ARCAINI, Luca. *Lenalidomide versus investigator's choice in relapsed or refractory mantle cell lymphoma (MCL-002; SPRINT): a phase 2, randomised, multicentre trial*. In: The Lancet: Oncology, 2016, vol. 17, No. 3, pp. 319-331, 13 pp. ISSN 1470-2045
IF = 33.900 (2016)

BÜCHLER, Tomáš - BORTLICEK, Zbynek - POPRACH, Alexandr - PAVLIK, Tomas - VEŠKRŇOVÁ, Veronika - HONZÍRKOVÁ, Michaela - ZEMANOVÁ, Milada - FIALA, Ondřej - KUBÁČKOVÁ, Kateřina - SLABY, Ondrej - SVOBODA, Marek - VYZULA, Rostislav - DUSEK, Ladislav - MELICHAR, Bohuslav. *Outcomes for Patients with Metastatic Renal Cell Carcinoma Achieving a Complete Response on Targeted Therapy: A Registry-based Analysis*. In: European Urology, 2016, vol. 70, No. 3, pp. 469-475, 7 pp. ISSN 0302-2838
IF = 16.265 (2016)

LANIKOVA, Lucie - BABOSOVA, Olga - SWIERCZEK, Sabina - WANG, Linghua - WHEELER, David A. - DIVOKY, Vladimir - KORINEK, Vladimir - **PRCHAL, Josef**. *Coexistence of gain-of-function JAK2 germ line mutations with JAK2(V617F) in polycythemia vera*. In: Blood, 2016, vol. 128, No. 18, pp. 2266-2270, 5 pp. ISSN 0006-4971
IF = 13.164 (2016)

TOMČÍK, Michal - PALUMBO-ZERR, Katrin - ZERR, Pawel - ŠUMOVÁ, Barbora - AVOUAC, Jerome - DEES, Clara - DISTLER, Alfiya - BEČVÁŘ, Radim - DISTLER, Oliver - SCHETT, Georg - ŠENOLT, Ladislav - DISTLER, Joerg H. W. *Tribbles homologue 3 stimulates canonical TGF-beta signalling to regulate fibroblast activation and tissue fibrosis*. In: Annals of the Rheumatic Diseases, 2016, vol. 75, No. 3, pp. 609-616, 8 pp. ISSN 0003-4967
IF = 12.811 (2016)

ZÁVADA, Jakub - UHER, Michal - SISOL, Katarina - FOREJTOVÁ, Šárka - JAROŠOVÁ, Kateřina - MANN, Heřman - VENCOVSKÝ, Jiří - PAVELKA, Karel. *A tailored approach to reduce dose of anti-TNF drugs may be equally effective, but substantially less costly than standard dosing in patients with ankylosing spondylitis over 1 year: a propensity score-matched cohort study*. In: Annals of the Rheumatic Diseases, 2016, vol. 75, No. 1, pp. 96-102, 7 pp. ISSN 0003-4967
IF = 12.811 (2016)

KLÁNOVÁ, Magdalena - ANDERA, Ladislav - BRAZINA, Jan - SVADLENKA, Jan - BENESOVA, Simona - SOUKUP, Jan - PRŮKOVÁ, Dana - VEJMELOVÁ, Dana - JAKŠA, Radek - HELMAN, Karel - VOČKOVÁ, Petra - LATEČKOVÁ, Lucie - MOLINSKÝ, Jan - MASWABI, Bokang Calvin - ALAM, Mahmudul - KODET, Roman - PYTLÍK, Robert - TRNĚNÝ, Marek - KLENER, Pavel. *Targeting of BCL2 Family Proteins with ABT-199 and Homoharringtonine Reveals BCL2- and MCL1-Dependent Subgroups of Diffuse Large B-Cell Lymphoma*. In: Clinical Cancer Research, 2016, vol. 22, No. 5, pp. 1138-1149, 12 pp. ISSN 1078-0432
IF = 9.619 (2016)

PRAJZLEROVÁ, Klára - GROBELNÁ, Kristýna - PAVELKA, Karel - ŠENOLT, Ladislav - FILKOVÁ, Mária. *An update on biomarkers in axial spondyloarthritis*. In: Autoimmunity Reviews, 2016, vol. 15, No. 6, pp. 501-509, 9 pp. ISSN 1568-9972
IF = 8.961 (2016)

BILLIARD, M. - **ŠONKA, Karel**. *Idiopathic hypersomnia*. In: Sleep Medicine Reviews, 2016, vol. 29, No. October, pp. 23-33, 11 pp. ISSN 1087-0792
IF = 8.958 (2016)

VERDÁNOVÁ, Martina - REZEK, Bohuslav - BROŽ, Antonín - UKRAINTSEV, Egor - BABCHENKO, Oleg - ARTEMENKO, Anna - IZAK, Tibor - KROMKA, Alexander - KALBÁČ, Martin - **HUBÁLEK KALBÁČOVÁ, Marie**. *Nanocarbon Allotropes-Graphene and*

¹Authors from Charles University – First Faculty of Medicine in associated authorship are put at the first or last position, or they may be corresponding authors (always in bold print)

Nanocrystalline Diamond-Promote Cell Proliferation. In: Small, 2016, vol. 12, No. 18, pp. 2499-2509, 11 pp. ISSN 1613-6810
IF = 8.643 (2016)

OTÁHAL, Pavel - PRŮKOVÁ, Dana - KRÁL, Vlastimil - FABRY, Milan - VOČKOVÁ, Petra - LATEČKOVÁ, Lucie - TRNĚNÝ, Marek - KLENER, Pavel. *Lenalidomide enhances antitumor functions of chimeric antigen receptor modified T cells*. In: OncoImmunology [online], 2016, 2016, vol. 5, No. 4, pp. not paginated, 10 pp. ISSN 2162-402X
IF = 7.719 (2016)

MOUDRA, Alena - HUBACKOVA, Sona - MACHALOVA, Veronika - VANCUROVA, Marketa - BARTEK, Jiri - REINIS, Milan - HODNY, Zdenek - **JONÁŠOVÁ, Anna**. *Dynamic alterations of bone marrow cytokine landscape of myelodysplastic syndromes patients treated with 5-azacytidine*. In: OncoImmunology [online], 2016, vol. 5, No. 10, pp. not paginated, 12 pp. ISSN 2162-402X
IF = 7.719 (2016)

KŘÍŽEK, Pavel - LUKEŠ, Tomáš - OVESNÝ, Martin - FLIEGEL, Karel - HAGEN, Guy M. *SIMToolbox: a MATLAB toolbox for structured illumination fluorescence microscopy*. In: Bioinformatics, 2016, vol. 32, No. 2, pp. 318-320, 3 pp. ISSN 1367-4803
IF = 7.307 (2016)

NETUKA, Ivan - KVASNIČKA, Tomáš - KVASNIČKA, Jan - HRACHOVINOVA, Ingrid - IVÁK, Peter - MAREČEK, František - BÍLKOVÁ, Jana - MALÍKOVÁ, Ivana - JANČOVÁ, Michaela - MALÝ, Jiří - SOOD, Poornima - SUNDARESWARAN, Kartik S. - CONNORS, Jean M. - MEHRA, Mandeep R. *Evaluation of von Willebrand factor with a fully magnetically levitated centrifugal continuous-flow left ventricular assist device in advanced heart failure*. In: The Journal of Heart and Lung Transplantation, 2016, vol. 35, No. 7, pp. 860-867, 8 pp. ISSN 1053-2498
IF = 7.114 (2016)

SLOVÁK, Matěj - SIEGER, Tomáš - BONNET, Cecilia - ULMANOVÁ, Olga - HANUŠKA, Jaromír - RŮŽIČKA, Evžen - **SERRANOVÁ, Tereza**. *Antisaccades and vergence abnormalities in functional movement disorders: A video-oculographic study*. In: Movement Disorders, 2016, vol. 31, No. 7, pp. 1072-1073, 2 pp. ISSN 0885-3185
IF = 7.072 (2016)

ROSA, Ján - WIDIMSKÝ, Petr - WALDAUF, Petr - LAMBERT, Lukáš - ZELINKA, Tomáš - TABORSKÝ, Miloš - BRANNÝ, Marian - TOUŠEK, Petr - PETRÁK, Ondřej - ČURILA, Karol - BEDNÁŘ, František - HOLAJ, Robert - ŠTRAUCH, Branislav - VÁCLAVÍK, Jan - NYKL, Igor - KRÁTKÁ, Zuzana - KOCIÁNOVÁ, Eva - JIRAVSKÝ, Otakar - RAPPOVÁ, Gabriela - INDRA, Tomáš - WIDIMSKÝ, Jiří. *Role of Aldosterone and Renal Denervation in True Resistant Hypertension: One-Year Outcomes of Randomized PRAGUE-15 Study*. In: Hypertension, 2016, vol. 67, No. 2, pp. 397-403, 7 pp. ISSN 0194-911X
IF = 6.857 (2016)

KLENER, Pavel - FROŇKOVÁ, Eva - BERKOVÁ, Adéla - JAKŠA, Radek - LHOTSKÁ, Halka - FORSTEROVÁ, Kristina - SOUKUP, Jan - KULVAIT, Vojtěch - VARGOVÁ, Jarmila - FIŠER, Karel - PRŮKOVÁ, Dana - ALAM, Mahmudul - MASWABI, Bokang Calvin - MICHALOVÁ, Kyra - ZEMANOVÁ, Zuzana - JANCUSKOVA, Tereza - PEKOVA, Sona - TRNĚNÝ, Marek. *Mantle cell lymphoma-variant Richter syndrome: Detailed molecular-cytogenetic and backtracking analysis reveals slow evolution of a pre-MCL clone in parallel with CLL over several years*. In: International Journal of Cancer, 2016, vol. 139, No. 10, pp. 2252-2260, 9 pp. ISSN 0020-7136
IF = 6.513 (2016)

VARGOVÁ, Jarmila - VARGOVÁ, Karina - DUSÍLKOVÁ, Nina Borisovna - KULVAIT, Vojtěch - POSPÍŠIL, Vít - ZAVADIL, J. - TRNĚNÝ, Marek - KLENER, Pavel - **STOPKA, Tomáš**. *Differential expression, localization and activity of MARCKS between mantle cell lymphoma and chronic lymphocytic leukemia*. In: Blood Cancer Journal, 2016, vol. 6, No. 9, pp. 1-4, 4 pp. ISSN 2044-5385
IF = 6.126 (2016)

VLČKOVÁ, Kateřina - ONDRUŠOVÁ, Lubica - **VACHTENHEIM, Jiří** - RÉDA, Jiří - DUNDR, Pavel - ZADINOVÁ, Marie - ŽÁKOVÁ, Petra - POUČKOVÁ, Pavla. *Survivin, a novel target of the Hedgehog/GLI signaling pathway in human tumor cells*. In: Cell death & disease, 2016, vol. 7, No. not given, pp. not paginated, 9 pp. ISSN 2041-4889
IF = 5.965 (2016)

YAMADA, Yukari - DENKINGER, Michael D. - ONDER, Graziano - VAN DER ROEST, Henriette G. - FINNE-SOVERI, Harriet - BERNA-BEI, Roberto - TOPINKOVÁ, Eva. *Joint Associations of Dual Sensory Impairment and No-Activity Involvement With 1-Year Mortality in Nursing Homes: Results From the SHELTER Study*. In: Journals of Gerontology - Series A Biological Sciences and Medical Sciences,

2016, vol. 71, No. 5, pp. 643-648, 6 pp. ISSN 1079-5006
IF = 5.957 (2016)

YAMADA, Yukari - DENKINGER, Michael D. - ONDER, Graziano - HENRARD, Jean-Claude - VAN DER ROEST, Henriette G. - FINNE-SOVERI, Harriet - RICHTER, Tomáš - VLACHOVÁ, Martina - BERNABEI, Roberto - TOPINKOVÁ, Eva. *Dual Sensory Impairment and Cognitive Decline: The Results From the Shelter Study*. In: *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, 2016, vol. 71, No. 1, pp. 117-123, 7 pp. ISSN 1079-5006
IF = 5.957 (2016)

VODIČKA, Pavel - MUSAK, Ludovit - FIORITO, Giovanni - VYMETÁLKOVÁ, Veronika - VODIČKOVÁ, Ludmila - NACCARATI, Alessio. *DNA and chromosomal damage in medical workers exposed to anaesthetic gases assessed by the lymphocyte cytokinesis-block micronucleus (CBMN) assay. A critical review*. In: *Mutation Research: Reviews*, 2016, vol. 770, No. October, pp. 26-34, 9 pp. ISSN 1383-5742
IF = 5.500 (2016)

HARTMANNOVÁ, Hana - PIHEROVÁ, Lenka - TAUCHMANNOVÁ, Kateřina - KIDD, Kendrah - ACOTT, Philip D. - CROCKER, John F. S. - OUSSEDIK, Youcef - MALLETT, Marcel - HODAŇOVÁ, Kateřina - STRÁNECKÝ, Viktor - PŘISTOUPILOVÁ, Anna - BAREŠOVÁ, Veronika - JEDLIČKOVÁ, Ivana - ŽIVNÁ, Martina - SOVOVÁ, Jana - HŮLKOVÁ, Helena - ROBINS, Vicki - VRBACKÝ, Marek - PECINA, Petr - KAPLANOVÁ, Vilma - HOUŠTĚK, Josef - MRÁČEK, Tomáš - THIBEAULT, Yves - BLEYER, Anthony J. - **KMOCH, Stanislav**. *Acadian variant of Fanconi syndrome is caused by mitochondrial respiratory chain complex I deficiency due to a non-coding mutation in complex I assembly factor NDUFAF6*. In: *Human Molecular Genetics*, 2016, vol. 25, No. 18, pp. 4062-4079, 18 pp. ISSN 0964-6906
IF = 5.340 (2016)

ČESNEKOVÁ, Jana - SPÁČILOVÁ, Jana - HANSÍKOVÁ, Hana - HOUŠTĚK, Josef - ZEMAN, Jiří - **STIBŮREK, Lukáš**. *LACE1 interacts with p53 and mediates its mitochondrial translocation and apoptosis*. In: *Oncotarget*, 2016, vol. 7, No. 30, pp. 47687-47698, 12 pp. ISSN 1949-2553
IF = 5.168 (2016)

Publications in journals with the highest IF in 2016, in which authors from the First Faculty of Medicine of Charles University published

IF 2016	Total number of publications with participation of authors from the Faculty	Number of publications in which the author from the Faculty is at the first or last place. or a corresponding author
20.000–49.999	14	1
15.000–19.999	11	1
10.000–14.999	19	3
8.000–9.999	11	4
7.000–7.999	18	5
6.000–6.999	17	3
5.500–5.999	13	4
5.000–5.499	21	2
Total	124	23

Total publishing output of the First Faculty of Medicine of Charles University in 2015–2016

Type of document	BIB points	2015	2016
Primary publication in scientific / professional journal with IF	10	529	570
Primary publication in scientific / professional journal without IF – indexed	2	104	126
Primary publication in scientific / professional journal without IF – not indexed	1.5	106	76
Synoptic article in scientific / professional journal with IF	7	71	72
Synoptic article in scientific / professional journal without IF – indexed	3	171	156
Synoptic article in scientific / professional journal without IF – not indexed	2	241	257
Translation of article in scientific / professional journal, or of chapter in monograph to Czech language	0.25	28	5

Type of document	BIB points	2015	2016
Translation of article in scientific / professional journal, or of chapter in monograph from Czech language	0.5	0	0
Review	0	30	19
Case study in scientific / professional journal with IF	3	6	11
Case study in scientific / professional journal without IF – indexed	1	31	43
Case study in scientific / professional journal without IF – not indexed	0.75	32	41
Popularizing article ^{a)}	0.2	36	28
Other type of article ^{b)}	0.2	151	162
Abstract of conference presentation in scientific / professional journal with IF	not collected ^{d)}	not collected	not collected
Other abstract, lecture, poster	not collected	not collected	not collected
Letter to the editors in scientific / professional journal with IF	1	17	25
Letter to the editors in scientific / professional journal without IF	0.5	3	2
Editorial in scientific / professional journal with IF	5	11	11
Editorial in scientific / professional journal without IF	0.25	37	27
Publication in conference proceedings – in Czech / Slovak language	1	79	89
Publication in conference proceedings – in other than Czech / Slovak language	2	27	10
Monograph – in Czech / Slovak language ^{1),2)}	0.5	40	40
Monograph – in other than Czech / Slovak language ^{1),2)}	1	5	1
Textbook, proceedings/collection – in Czech / Slovak language ¹⁾	0.5	21	7
Textbook, proceedings/collection – in other than Czech / Slovak language ¹⁾	1	2	2
Chapter in monograph, textbook, collection (not conference proceedings) – in Czech / Slovak language ^{1),2)}	0.5	90	88
Chapter in monograph, textbook, collection (not conference proceedings) – in other than Czech / Slovak language ^{1),2)}	1	27	26
Cyclopaedia, dictionary, reference book, yearbook, review manual, popularizing scientific book c) / chapter(s) in such books – in Czech / Slovak language ¹⁾	0.2	33	22
Cyclopaedia, dictionary, reference book, yearbook, review manual, popularizing scientific book c) / chapter(s) in such books – in other than Czech / Slovak language ¹⁾	0.4	0	1
Translation of monograph / chapter in monograph – to Czech language ¹⁾	0.15	2	1
Translation of monograph / chapter in monograph – from Czech language ¹⁾	0.3	0	0
Patents and inventions	10	1	3
Technologies, treatment procedures	10	0	0
Habilitation, dissertation and doctorate thesis	2	8	4
V design, SW, internet resource, e-learning, conference, workshop, exhibition	2	42	60
miscellaneous, other results	0	6	2
Total number of publication items ¹⁾		1,987	1,987
Number of authors from the First Faculty of Medicine of Charles University ²⁾		1,720	1,540
Total IF of publications in the category primary/synoptic article with IF ³⁾		2,287.45	2,583.916
Number of authors from the First Faculty of Medicine, publishing in journals with IF ⁴⁾		777	817
Number of citations in SCI ⁵⁾		33,856	37,351
Number of authors from the First Faculty of Medicine, quoted in SCI ⁶⁾		1,221	1,185

indexed / not indexed = article in “non-impacted” journal entered / not entered (respectively) in data bases SCOPUS, Medline or ERIH

Articles such as multicentre study – co-authorship will only be included if the author from the Faculty is one of the main authors (but not in the case he/she is only mentioned e.g. in acknowledgements for supplying particular statistic data etc.)

1) Value of books and chapters is calculated for every commenced 5 printed pages of the respective publication.

2) Mere editorship or nominal head authorship of a monograph is evaluated as 20 % of the total value of the publication, other authors receive 80 % points of the total value.

Following the discussion in the 1st session of Dean's Board (5 Sep 2016) and approval at the session of the Scientific Board (20 Sep 2016), IF points for an impacted publication are calculated from the constant corresponding to the mean value for the given journal with IF according to its classification in the respective quartile (Q) – Q1 = 4,582; Q2 = 2,815; Q3 = 1,546; Q4 = 0,799.

a) *formerly*: primary article in newspaper or science popularizing journal

b) *merging former sub-categories*: Other types of articles in scientific / professional journals; Biographic article (anniversary, obituary) in scientific / professional journal; Reports of conferences and professional association sessions in scientific / professional journals

c) *formerly*: popularizing enlightening book

d) collection of any abstracts cancelled by the resolution of Dean Office Board of 5th January 2009

^{1/} – number of entries in the bibliographic data base

^{2/} – number of authors whose total IF + SCI + BIB > 0.0000

^{3/} – total of IF publications in categories Primary publication in scientific/professional journal with IF and Synoptic article in scientific / professional journal with IF (without Case studies in scientific / professional journal with IF, letter to the editors in scientific / professional journal with IF)

^{4/} – number of authors whose total IF > 0.0000

^{5/} – total SCI points of authors from the First Faculty of Medicine (NOT the number of citations of all articles with at least one co-author from the Faculty)

^{6/} – number of authors whose total SCI > 0

Amounts of BIB, SCI and their total in 2016 – organization units

organization unit (in alphabetical order)	BIB ¹	BIB – standing without conversion to full-time positions	SCI ¹	SCI – standing without conversion to full-time positions	IF ¹	IF – standing without conversion to full-time positions	BIB + 2xSCI + 3xIF ²	total BIB, SCI and IF – standing without conversion to full-time positions
1 st Department of Medicine – Department of Haematology, First Faculty of Medicine, Charles University and General University Hospital in Prague	43.13	35	44.22	28	31.29	23	225.42	25
1 st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	62.57	27	56.86	24	9.96	44	206.15	29
1 st Department of Tuberculosis and Respiratory Diseases, First Faculty of Medicine, Charles University and General University Hospital in Prague	26.82	44	2.77	61	3.83	51	43.86	52
2 nd Department of Medicine – Department of Cardiovascular Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	244.49	2	146.03	9	99.93	6	836.32	8
2 nd Department of Surgery – Department of Cardiovascular Surgery, First Faculty of Medicine, Charles University and General University Hospital in Prague	45.31	33	30.85	36	24.12	27	179.37	35
3 rd Department of Medicine – Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague	483.93	1	387.65	1	107.63	4	1,582.11	1
3 rd Department of Surgery, First Faculty of Medicine, Charles University and University Hospital Motol	45.94	32	31.17	35	25.63	25	185.17	33
4 th Department of Medicine – Department of Gastroenterology and Hepatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	166,25	8	178.07	8	46.28	16	661.23	10
Biocev – First Faculty of Medicine, Charles University	41.46	37	62.80	20	40.79	19	289.44	22
Center for Advanced Preclinical Imaging, First Faculty of Medicine, Charles University	0.00	77	0.00	72	0.00	68	0.00	76
Centre for Practical Applications Support and Spin-off Companies	1.87	71	0.00	72	0.36	62	2.94	74
Centre of Experimental Biomodels, First Faculty of Medicine, Charles University	0.48	75	0.94	68	0.26	64	3.14	72

organization unit (in alphabetical order)	BIB ¹	BIB – standing without conversion to full-time positions	SCI ¹	SCI – standing without conversion to full-time positions	IF ¹	IF – standing without conversion to full-time positions	BIB + 2xSCI + 3xIF ²	total BIB, SCI and IF – standing without conversion to full-time positions
Department of Medicine, First Faculty of Medicine, Charles University and Military University Hospital Prague	130.62	13	66.84	19	49.12	14	411.66	16
Department of Addictology of Charles University – the First Faculty of Medicine, and the General University Hospital	79.28	21	19.30	42	26.11	24	196.22	31
Department of Anaesthesiology, Resuscitation and Intensive Medicine of Charles University – the First Faculty of Medicine, and the General University Hospital	118.66	15	50.07	26	35.99	20	326.76	20
Department of Anesthesiology and Intensive Care, First Faculty of Medicine, Charles University and Thomayer Hospital	2.67	69	2.71	62	0.13	66	8.49	70
Department of Anesthesiology and Intensive Care, First Faculty of Medicine, Charles University and Military University Hospital Prague	8.35	63	0.76	69	2.30	54	16.76	65
Department of Geriatrics, First Faculty of Medicine, Charles University and General University Hospital in Prague	15.25	60	83.10	16	9.32	46	209.39	28
Department of Infectious and Tropical Diseases, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	19.59	51	21.96	41	11.12	42	96.87	46
Department of Infectious Diseases, First Faculty of Medicine, Charles University and Military University Hospital Prague	22.87	47	12.90	48	11.44	41	82.97	48
Department of Nephrology, First Faculty of Medicine, Charles University and General University Hospital in Prague	91.34	19	69.46	18	42.89	18	358.95	18
Department of Neurology, First Faculty of Medicine, Charles University and General University Hospital in Prague	216.98	4	342.24	2	135.97	3	1,309.36	2
Department of Neurosurgery and Neurooncology, First Faculty of Medicine, Charles University and Military University Hospital Prague	98.95	18	57.66	23	56.74	13	384.47	17
Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	10.34	61	15.83	46	0.00	68	42.01	53
Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and General University Hospital in Prague	174.44	6	253.71	4	96.57	7	971.59	5
Department of Occupational Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	121.53	14	61.73	22	78.14	10	479.42	14
Department of Oncology, First Faculty of Medicine, Charles University and General University Hospital in Prague	77.29	22	32.31	34	17.25	32	193.67	32
Department of Oncology, First Faculty of Medicine, Charles University, General University Hospital in Prague and Military University Hospital Prague	3.06	67	2.86	60	0.09	67	9.04	68
Department of Ophthalmology, First Faculty of Medicine, Charles University and Military University Hospital Prague	3.06	68	0.00	72	0.00	68	3.06	73
Department of Ophthalmology, First Faculty of Medicine, Charles University and General University Hospital in Prague	114.44	16	17.31	44	25.16	26	224.54	26
Department of Orthopaedics, First Faculty of Medicine, Charles University and Military University Hospital Prague	26.09	45	9.89	53	21.87	28	111.50	43

organization unit (in alphabetical order)	BIB¹	BIB – standing without conversion to full-time positions	SCI¹	SCI – standing without conversion to full-time positions	IF¹	IF – standing without conversion to full-time positions	BIB + 2xSCI + 3xIF²	total BIB, SCI and IF – standing without conversion to full-time positions
Department of Orthopaedics, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	20.94	48	10.96	52	9.09	47	70.14	49
Department of Orthopaedics, First Faculty of Medicine, Charles University and University Hospital Motol	46.81	31	46.27	27	11.77	40	174.63	36
Department of Otorhinolaryngology, Head and Neck Surgery, First Faculty of Medicine, Charles University and University Hospital Motol	41.12	38	76.90	17	14.91	35	239.64	24
Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	157.18	9	113.72	12	73.55	11	605.25	11
Department of Pediatrics, First Faculty of Medicine, Charles University and Thomayer Hospital	1.18	73	1.05	67	0.00	68	3.29	71
Department of Phoniatrics, First Faculty of Medicine, Charles University and General University Hospital in Prague	2.50	70	2.12	64	0.65	59	8.71	69
Department of Plastic Surgery, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	16.58	57	13.97	47	12.88	37	83.14	47
Department of Psychiatry, First Faculty of Medicine, Charles University and General University Hospital in Prague	232.36	3	207.62	6	81.59	8	892.38	6
Department of Radiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	75.76	24	37.86	31	35.89	21	259.16	23
Department of Rehabilitation Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	15.25	59	1.39	65	6.91	48	38.78	55
Department of Respiratory Medicine, First Faculty of Medicine, Charles University and Thomayer Hospital	168.09	7	12.52	50	1.87	57	198.74	30
Department of Rheumatology, First Faculty of Medicine, Charles University and Rheumatology Institute	109.70	17	199.18	7	70.11	12	718.40	9
Department of Spondylosurgery, First Faculty of Medicine, Charles University and University Hospital Motol	7.76	64	3.70	58	2.38	53	22.30	64
Department of Stomatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	71.63	26	89.66	15	20.44	29	312.28	21
Department of Surgery, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	16.59	56	0.68	70	1.96	56	23.83	63
Department of Surgery, First Faculty of Medicine, Charles University and Thomayer Hospital	7.00	65	8.20	55	1.85	58	28.96	58
Department of Urology, First Faculty of Medicine, Charles University and General University Hospital in Prague	76.60	23	42.37	29	16.83	33	211.83	27
Department of Dermatology and Venereology, First Faculty of Medicine, Charles University and General University Hospital in Prague	31.03	40	12.19	51	0.62	60	57.27	51
Institute for History of Medicine and Foreign Languages, First Faculty of Medicine, Charles University	17.85	53	3.18	59	0.00	69	24.20	62
Institute for Medical Humanities, First Faculty of Medicine, Charles University	20.12	50	6.28	56	2.91	52	41.41	54
Institute of Anatomy, First Faculty of Medicine, Charles University	135.97	12	122.51	11	44.55	17	514.63	12

organization unit (in alphabetical order)	BIB ¹	BIB – standing without conversion to full-time positions	SCI ¹	SCI – standing without conversion to full-time positions	IF ¹	IF – standing without conversion to full-time positions	BIB + 2xSCI + 3xIF ²	total BIB, SCI and IF – standing without conversion to full-time positions
Institute of Biochemistry and Experimental Oncology, First Faculty of Medicine, Charles University	59.75	28	62.72	21	48.20	15	329.80	19
Institute of Biology and Medical Genetics, First Faculty of Medicine, Charles University and General University Hospital in Prague *	156.68	10	122.62	10	145.65	1	838.86	7
Institute of Biophysics and Informatics, First Faculty of Medicine, Charles University	42.02	36	29.66	37	18.01	31	155.39	38
Institute of Clinical and Experimental Hematology, First Faculty of Medicine, Charles University and Institute of Hematology and Blood Transfusion	28.51	41	23.05	39	10.93	43	107.39	45
Institute of Forensic Medicine and Toxicology, First Faculty of Medicine, Charles University and General University Hospital in Prague	17.73	54	37.24	32	13.84	36	133.72	41
Institute of General Practice, First Faculty of Medicine, Charles University	25.54	46	5.95	57	0.26	65	38.22	56
Institute of Histology and Embryology, First Faculty of Medicine, Charles University	15.51	58	17.91	43	18.85	30	107.87	44
Institute of Hygiene and Epidemiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	59.08	29	33.33	33	5.82	49	143.21	39
Institute of Immunology and Microbiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	89.22	20	110.54	13	34.63	22	414.19	15
Institute of Inherited Metabolic Disorders, First Faculty of Medicine, Charles University and General University Hospital in Prague	148.82	11	249.99	5	136.85	2	1,059.35	4
Institute of Medical Biochemistry and Laboratory Diagnostics of Charles University – the First Faculty of Medicine, and the General University Hospital	214.06	5	318.29	3	107.31	5	1,172.57	3
Institute of Nuclear Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	18.43	52	2.22	63	4.35	50	35.91	57
Institute of Nursing Theory and Practice, First Faculty of Medicine, Charles University	27.48	43	0.13	71	0.00	68	27.74	60
Institute of Pathological Physiology, First Faculty of Medicine, Charles University	74.99	25	98.97	14	80.44	9	514.25	13
Institute of Pathology, First Faculty of Medicine, Charles University and General University Hospital in Prague	20.75	49	29.26	38	12.78	38	117.62	42
Institute of Pharmacology, First Faculty of Medicine, Charles University and General University Hospital in Prague	54.91	30	50.57	25	9.54	45	184.67	34
Institute of Physical Education, First Faculty of Medicine, Charles University	0.00	77	0.00	72	0.00	68	0.00	77
Institute of Physiology, First Faculty of Medicine, Charles University	39.91	39	42.22	30	12.03	39	160.43	37
Institute of Public Health and Medical Law, First Faculty of Medicine, Charles University	9.11	62	1.06	66	0.00	68	11.22	67
Institute of Radiation Oncology, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	6.88	66	8.48	54	0.30	63	24.74	61

organization unit (in alphabetical order)	BIB ¹	BIB – standing without conversion to full-time positions	SCI ¹	SCI – standing without conversion to full-time positions	IF ¹	IF – standing without conversion to full-time positions	BIB + 2xSCI + 3xIF ²	total BIB, SCI and IF – standing without conversion to full-time positions
Institute of Scientific Information, First Faculty of Medicine, Charles University and General University Hospital in Prague	1.22	72	0.00	72	0.00	68	1.22	75
Institute of Sexology, First Faculty of Medicine, Charles University and General University Hospital in Prague	28.06	42	17.16	45	1.98	55	68.32	50
Institute of Sports Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	1.17	74	12.77	49	0.59	61	28.46	59
Department of Oncology of Charles University – the First Faculty of Medicine, and the Thomayer Hospital	45.00	34	22.42	40	16.60	34	139.65	40

Bibliography, SCI, IF – by organization units – conversion to full-time positions of academic staff– TOP 40 – 2016

organization unit (in alphabetical order)	total positions of academic staff	BIB converted	BIB standing per position after conversion	SCI converted	SCI standing per position after conversion	IF converted	IF – standing per position after conversion	converted BIB+2xSCI+3xIF per position ¹	total BIB. & IF – standing per position after conversion
1 st Department of Medicine – Department of Haematology, First Faculty of Medicine, Charles University and General University Hospital in Prague	9.75	4.42	48	4.54	41	3.21	28	23.12	39
1 st Department of Surgery – Department of Abdominal, Thoracic Surgery and Traumatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	15.90	3.94	52	3.58	48	0.63	59	12.97	53
1 st Department of Tuberculosis and Respiratory Diseases, First Faculty of Medicine, Charles University and General University Hospital in Prague	2.18	12.33	18	1.27	60	1.76	40	20.17	45
2 nd Department of Medicine – Department of Cardiovascular Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	12.27	19.93	10	11.90	14	8.15	8	68.18	11
2 nd Department of Surgery – Department of Cardiovascular Surgery, First Faculty of Medicine, Charles University and General University Hospital in Prague	3.97	11.42	20	7.78	18	6.08	13	45.22	17
3 rd Department of Medicine – Department of Endocrinology and Metabolism, First Faculty of Medicine, Charles University and General University Hospital in Prague	31.62	15.31	12	12.26	12	3.40	27	50.04	16
3 rd Department of Surgery, First Faculty of Medicine, Charles University and University Hospital Motol	8,24	5,57	39	3,78	47	3,11	29	22,47	40
4 th Department of Medicine – Department of Gastroenterology and Hepatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	17.83	9.32	26	9.99	17	2.60	35	37.09	26

organization unit (in alphabetical order)	total positions of academic staff	BIB converted	BIB standing per position after conversion	SCI converted	SCI standing per position after conversion	IF converted	IF – standing per position after conversion	converted BIB+2xS- CI+3xIF per position ¹	total BIB. & IF – standing per position after conversion
Biocev – First Faculty of Medicine, Charles University	8.17	5.08	45	7.69	19	5.00	17	35.45	28
Center for Advanced Preclinical Imaging, First Faculty of Medicine, Charles University	0.80	0.00	75	0.00	72	0.00	68	0.00	75
Centre for Practical Applications Support and Spin-off Companies	0.08	22.38	7	0.00	72	4.28	22	35.23	29
Centre of Experimental Biomodels, First Faculty of Medicine, Charles University	0.15	3.17	57	6.28	29	1.74	42	20.95	43
Department of Medicine, First Faculty of Medicine, Charles University and Military University Hospital Prague	4.47	29.24	5	14.96	7	11.00	6	92.16	5
Department of Addictology of Charles University – the First Faculty of Medicine, and the General University Hospital	19.24	4.12	50	1.00	61	1.36	46	10.20	59
Department of Anaesthesiology, Resuscitation and Intensive Medicine of Charles University – the First Faculty of Medicine, and the General University Hospital	1.78	1.50	65	1.52	59	0.07	67	4.76	66
Department of Anaesthesiology, Resuscitation and Intensive Medicine of Charles University – the First Faculty of Medicine, and the General University Hospital	4.44	26.74	6	11.28	16	8.11	9	73.64	9
Department of Anesthesiology and Intensive Care, First Faculty of Medicine, Charles University and Military University Hospital Prague	2.15	3.88	54	0.35	66	1.07	48	7.80	64
Department of Dermatology and Venereology, First Faculty of Medicine, Charles University and General University Hospital in Prague	4.03	7.70	31	3.03	53	0.15	64	14.22	48
Department of Geriatrics, First Faculty of Medicine, Charles University and General University Hospital in Prague	3.03	5.04	46	27.47	2	3.08	30	69.22	10
Department of Infectious and Tropical Diseases, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	3.73	5.26	43	5.90	34	2.98	31	26.01	35
Department of Infectious Diseases, First Faculty of Medicine, Charles University and Military University Hospital Prague	3.95	5.79	38	3.27	51	2.90	32	21.00	42
Department of Nephrology, First Faculty of Medicine, Charles University and General University Hospital in Prague	9.49	9.62	24	7.32	21	4.52	20	37.82	24
Department of Neurology, First Faculty of Medicine, Charles University and General University Hospital in Prague	20.46	10.61	23	16.73	6	6.65	12	64.01	12

organization unit (in alphabetical order)	total positions of academic staff	BIB converted	BIB standing per position after conversion	SCI converted	SCI standing per position after conversion	IF converted	IF – standing per position after conversion	converted BIB+2xS- CI+3xIF per position ¹	total BIB. & IF – standing per position after conversion
Department of Neurosurgery and Neurooncology, First Faculty of Medicine, Charles University and Military University Hospital Prague	4,90	20,18	9	11,76	15	11,57	5	78,40	6
Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	3.86	2.68	62	4.10	43	0.00	68	10.88	58
Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and General University Hospital in Prague	18.70	9.33	25	13.57	8	5.16	16	51.96	15
Department of Occupational Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	3.12	38.99	3	19.81	4	25.07	1	153.82	2
Department of Oncology of Charles University – the First Faculty of Medicine, and the Thomayer Teaching Hospital	0.92	49.09	2	24.46	3	18.11	3	152.34	3
Department of Oncology, First Faculty of Medicine, Charles University and General University Hospital in Prague	6.64	11.64	19	4.87	38	2.60	34	29.17	32
Department of Oncology, First Faculty of Medicine, Charles University, General University Hospital in Prague and Military University Hospital Prague	0.60	5.10	44	4.76	40	0.14	65	15.06	47
Department of Ophthalmology, First Faculty of Medicine, Charles University and Military University Hospital Prague	2.34	1.30	69	0.00	72	0.00	68	1.30	73
Department of Ophthalmology, First Faculty of Medicine, Charles University and General University Hospital in Prague	5.22	21.94	8	3.32	50	4.82	19	43.04	21
Department of Orthopaedics, First Faculty of Medicine, Charles University and Military University Hospital Prague	1.50	17.39	11	6.60	25	14.58	4	74.34	8
Department of Orthopaedics, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	5.20	4.03	51	2.11	56	1.75	41	13.49	51
Department of Orthopaedics, First Faculty of Medicine, Charles University and University Hospital Motol	7.35	6.37	36	6.29	28	1.60	44	23.76	37
Department of Otorhinolaryngology, Head and Neck Surgery, First Faculty of Medicine, Charles University and University Hospital Motol	6.26	6.57	35	12.29	10	2.38	37	38.29	22
Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	18.75	8.38	28	6.06	32	3.92	25	32.28	30
Department of Pediatrics, First Faculty of Medicine, Charles University and Thomayer Hospital	2.26	0.52	72	0.47	65	0.00	68	1.46	72
Department of Phoniatrics, First Faculty of Medicine, Charles University and General University Hospital in Prague	3.00	0.83	71	0.71	63	0.22	61	2.90	69

organization unit (in alphabetical order)	total positions of academic staff	BIB converted	BIB standing per position after conversion	SCI converted	SCI standing per position after conversion	IF converted	IF – standing per position after conversion	converted BIB+2xS- CI+3xIF per position ¹	total BIB. & IF – standing per position after conversion
Department of Plastic Surgery, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	1.89	8.76	27	7.38	20	6.81	10	43.95	19
Department of Psychiatry, First Faculty of Medicine, Charles University and General University Hospital in Prague	16.89	13.75	14	12.29	9	4.83	18	52.82	14
Department of Radiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	5.95	12.73	17	6.36	27	6.03	14	43.55	20
Department of Rehabilitation Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	10.41	1.47	66	0.13	70	0.66	57	3.73	68
Department of Respiratory Medicine, First Faculty of Medicine, Charles University and Thomayer Hospital	2.09	80.36	1	5.99	33	0.89	52	95.01	4
Department of Rheumatology, First Faculty of Medicine, Charles University and Rheumatology Institute	3.68	29.85	4	54.20	1	19.08	2	195.48	1
Department of Spondylosurgery, First Faculty of Medicine, Charles University and University Hospital Motol	0.60	12.94	15	6.17	31	3.96	24	37.16	25
Department of Stomatology, First Faculty of Medicine, Charles University and General University Hospital in Prague	22.40	3.20	56	4.00	44	0.91	51	13.94	50
Department of Surgery, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	3.05	5.44	40	0.22	67	0.64	58	7.81	63
Department of Surgery, First Faculty of Medicine, Charles University and Thomayer Hospital	2.60	2.69	61	3.15	52	0.71	55	11.14	56
Department of Urology, First Faculty of Medicine, Charles University and General University Hospital in Prague	5.94	12.90	16	7.14	22	2.83	33	35.69	27
Institute for History of Medicine and Foreign Languages, First Faculty of Medicine, Charles University	15.35	1.16	70	0.21	68	0.00	68	1.58	71
Institute for Medical Humanities, First Faculty of Medicine, Charles University	8.40	2.40	63	0.75	62	0.35	60	4.93	65
Institute of Anatomy, First Faculty of Medicine, Charles University	18.20	7.47	32	6.73	24	2.45	36	28.27	33
Institute of Biochemistry and Experimental Oncology, First Faculty of Medicine, Charles University	11.09	5.39	41	5.66	35	4.35	21	29.75	31
Institute of Biology and Medical Genetics, First Faculty of Medicine, Charles University and General University Hospital in Prague *	21.91	7.15	33	5.60	36	6.65	11	38.28	23
Institute of Biophysics and Informatics, First Faculty of Medicine, Charles University	13,71	3,06	58	2,16	55	1,31	47	11,33	55
Institute of Clinical and Experimental Hematology, First Faculty of Medicine, Charles University and Institute of Hematology and Blood Transfusion	1.90	15.00	13	12.13	13	5.75	15	56.52	13

organization unit (in alphabetical order)	total positions of academic staff	BIB converted	BIB standing per position after conversion	SCI converted	SCI standing per position after conversion	IF converted	IF – standing per position after conversion	converted BIB+2xS- CI+3xIF per position ¹	total BIB. & IF – standing per position after conversion
Institute of Forensic Medicine and Toxicology, First Faculty of Medicine, Charles University and General University Hospital in Prague	5.98	2.97	59	6.23	30	2.32	38	22.38	41
Institute of General Practice, First Faculty of Medicine, Charles University	3.10	8.24	30	1.92	57	0.08	66	12.33	54
Institute of Histology and Embryology, First Faculty of Medicine, Charles University	11.63	1.33	67	1.54	58	1.62	43	9.27	60
Institute of Hygiene and Epidemiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	8.68	6.81	34	3.84	46	0.67	56	16.51	46
Institute of Immunology and Microbiology, First Faculty of Medicine, Charles University and General University Hospital in Prague	16.96	5.26	42	6.52	26	2.04	39	24.42	36
Institute of Inherited Metabolic Disorders, First Faculty of Medicine, Charles University and General University Hospital in Prague	13.70	10.86	22	18.25	5	9.99	7	77.34	7
Institute of Medical Biochemistry and Laboratory Diagnostics of Charles University – the First Faculty of Medicine, and the General University Hospital	25.94	8.25	29	12.27	11	4.14	23	45.19	18
Institute of Nuclear Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	4.20	4.39	49	0.53	64	1.03	50	8.55	62
Institute of Nursing Theory and Practice, First Faculty of Medicine, Charles University	6.17	4.45	47	0.02	71	0.00	68	4.50	67
Institute of Pathological Physiology, First Faculty of Medicine, Charles University	21.92	3.42	55	4.52	42	3.67	26	23.46	38
Institute of Pathology, First Faculty of Medicine, Charles University and General University Hospital in Prague	8.77	2.36	64	3.34	49	1.46	45	13.41	52
Institute of Pharmacology, First Faculty of Medicine, Charles University and General University Hospital in Prague	9.06	6.06	37	5.58	37	1.05	49	20.38	44
Institute of Physical Education, First Faculty of Medicine, Charles University	12.25	0.00	75	0.00	72	0.00	68	0.00	75
Institute of Physiology, First Faculty of Medicine, Charles University	14.44	2.76	60	2.92	54	0.83	53	11.11	57
Institute of Public Health and Medical Law, First Faculty of Medicine, Charles University	6.90	1.32	68	0.15	69	0.00	68	1.63	70
Institute of Radiation Oncology, First Faculty of Medicine, Charles University and Na Bulovce Hospital, Prague	1.75	3.93	53	4.85	39	0.17	63	14.14	49
Institute of Scientific Information, First Faculty of Medicine, Charles University and General University Hospital in Prague	5.15	0.24	74	0.00	72.	0.00	68	0.24	74

organization unit (in alphabetical order)	total positions of academic staff	BIB converted	BIB standing per position after conversion	SCI converted	SCI standing per position after conversion	IF converted	IF – standing per position after conversion	converted BIB+2xS- CI+3xIF per position ¹	total BIB. & IF – standing per position after conversion
Institute of Sexology, First Faculty of Medicine, Charles University and General University Hospital in Prague	2.47	11.35	21	6.94	23	0.80	54	27.63	34
Institute of Sports Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague	3,20	0,36	73	3,99	45	0,18	62	8,89	61

For the purpose of conversion of sums of the points gained by particular organization units to job positions, the totals of positions only include academic positions (professors, associate professors, assistant professors, assistants and lecturers), participating in scientific activities. The positions are meant as yearly averages.

Note 1 – BIB/SCI/IF have been weighted in the total as 1:2:3 respectively (as decided by the Scientific Board of the Faculty on 31st May 2011), thus the total being equal to the number of BIB points plus the doubled number of SCI points plus the triple number of IF points.

* On 1st October 2016, this unit merged with the Institute of Cellular Biology and Pathology.

DEVELOPMENT OF PUBLISHING ACTIVITY IN JOURNALS WITH IF

ARTICLES IN JOURNALS WITH THE HIGHEST IF IN 2016, IN WHICH THE STAFF OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY PUBLISHED THE VALUE OF THE IMPACT FACTOR

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.

IF 2016	Total number of publications with participation of authors from the Faculty	Number of publications where the author from the Faculty is at the first or last place or is the corresponding author
20.000–49.999	14	1
15.000–19.999	11	1
10.000–14.999	19	3
8.000–9.999	11	4
7.000–7.999	18	5
6.000–6.999	17	3
5.500–5.999	13	4
5.000–5.499	21	2
total	124	23

Number of publications in journals with impact factor – 2014–2016

INTERVAL IF	2014			2015			2016		
	primary	synoptic	total	primary	synoptic	total	primary	synoptic	total
50.000–59.999	3	0	3	3	0	3	0	0	0
40.000–49.999	2	0	2	0	0	0	3	0	3
30.000–39.999	1	0	1	3	0	3	5	0	5
20.000–29.999	5	0	5	5	0	5	5	0	5
15.000–19.999	7	2	9	6	0	6	12	0	12
10.000–14.999	16	1	17	16	1	17	16	1	17
9.000–9.999	3	0	3	5	1	6	4	0	4
8.000–8.999	7	1	8	6	0	6	1	2	3
7.000–7.999	5	1	6	8	1	9	18	1	19
6.000–6.999	8	1	9	6	2	8	14	1	15
5.000–5.999	20	4	24	30	2	32	31	2	33
4.000–4.999	37	6	43	31	4	35	55	6	61
3.000–3.999	125	9	134	103	18	121	85	8	93
2.000–2.999	92	11	103	114	16	130	131	17	148
1.000–1.999	157	21	178	128	16	144	112	18	130
0.001–0.999	76	10	86	65	10	75	78	16	94
total	564	67	631	529	71	600	570	72	642

HIRSCH INDEX OF AUTHORS FROM THE FIRST FACULTY OF MEDICINE 2011–2017

(numbers of authors who achieved the value of h-index ≥ 5)

H-index	2011	2012	2013	2014	2015	2016	2017
70–79	0	0	0	1	1	1	1
60–69	1	1	1	0	0	0	1
50–59	0	0	1	1	1	1	0
40–49	2	2	1	1	2	3	4
30–39	3	4	8	9	13	13	14
20–29	14	19	22	25	27	39	42
15–19	32	31	46	45	50	57	70
10–14	81	102	109	124	141	156	172
5–9	254	261	287	318	308	362	390

H-index – authors from the First Faculty of Medicine who achieved $h \geq 8$ in 2017

Autor	H-index	Autor	H-index	Autor	H-index
Městecký, Jiří	77	Tlaskalová-Hogenová, Helena	37	Vencovský, Jiří	31
Prchal, Josef	68	Cífková, Renata	36	Cibula, David	30
Martásek, Pavel	46	Vodička, Pavel	35	Janků, Filip	28
Král, Vladimír	45	Marek, Jan	34	Smetana, Karel	28
Pavelka, Karel	45	Tešaj, Vladimír	34	Zeman, Jiří	28
Pravenec, Michal	40	Křen, Vladimír	32	Linhart, A leš	27
Bencko, Vladimír	38	Navrátil, Tomáš	32	Zima, Tomáš	27
Havrdová, Eva	38	Nevšímalová, Soňa	32	Holcátová, Ivana	26
Štěpán, Jan	38	Raška, Ivan	31	Kmoch, Stanislav	25

Autor	H-index
Sedmera, David	25
Škrha, Jan	25
Halata, Zdeněk	24
Kožich, Viktor	24
Marek, Josef	24
Vítek, Libor	24
Vodičková, Ludmila	24
Bártová, Eva	23
Michalová, Kyra	23
Petruželka, Luboš	23
Růžička, Evžen	23
Šonka, Karel	23
Bednár, Ján	22
Češka, Richard	22
Dvořánková, Barbora	22
Kalousová, Marta	22
Lukáš, Milan	22
Peterka, Miroslav	22
Stříž, Ilja	22
Topinková, Eva	22
Trněný, Marek	22
Grim, Miloš	21
Hynie, Sixtus	21
Kunešová, Marie	21
Lacinová, Zdeňka	21
Zikán, Michal	21
Hubálek Kalbáčová, Marie	20
Jech, Robert	20
Kolářová, Libuše	20
Kořínek, Josef	20
Melenovský, Vojtěch	20
Nečas, Emanuel	20
Papežová, Hana	20
Poučková, Pavla	20
Stopka, Tomáš	20
Aschermann, Michael	19
Druga, Rastislav	19
Dyr, Jan	19
Haluzíková, Denisa	19
Jonák, Jiří	19
Křenová, Drahomíra	19
Ledvínová, Jana	19
Neužil, Petr	19
Šenolt, Ladislav	19
Špička, Ivan	19
Žák, Aleš	19

Autor	H-index
Čermák, Jaroslav	18
Doležalová, Pavla	18
Hansíková, Hana	18
Hřebíček, Martin	18
Kršek, Michal	18
Křepela, Evžen	18
Kvasnička, Jan	18
Nohýnková, Eva	18
Tvrzická, Eva	18
Viklický, Ondřej	18
Widimský, Jiří	18
Wichterle, Dan	18
Zemanová, Zuzana	18
Betka, Jan	17
Frič, Přemysl	17
Fried, Martin	17
Hána, Václav	17
Horáková, Dana	17
Jirák, Daniel	17
Jirsa, Milan	17
Pelcová, Daniela	17
Raboch, Jiří	17
Seidl, Zdeněk	17
Štípek, Stanislav	17
Tomčík, Michal	17
Vaněčková, Manuela	17
Đuricová, Dana	16
Farghali, Hassan	16
Fialová, Lenka	16
Fischerová, Daniela	16
Hradec, Jaromír	16
Hrubý, Martin	16
Hůlková, Helena	16
Kemlink, David	16
Otová, Berta	16
Petrák, Jiří	16
Staňková, Barbora	16
Šámal, Martin	16
Zelinka, Tomáš	16
Živný, Jan	16
Bob, Petr	15
Gatterová, Jindřiška	15
Holada, Karel	15
Hořínek, Aleš	15
Kleibl, Zdeněk	15
Krásenský, Jan	15

Autor	H-index
Krijt, Jakub	15
Mazel, Tomáš	15
Neuwirtová, Radana	15
Perlík, František	15
Plzák, Jan	15
Povýšil, Ctibor	15
Prázný, Martin	15
Pytlík, Robert	15
Šedo, Aleksi	15
Škvor, Jiří	15
Urgošil, Dušan	15
Vyoral, Daniel	15
Zadinová, Marie	15
Balíková, Marie	14
Beneš, Vladimír	14
Büchler, Tomáš	14
Cmarko, Dušan	14
Crkovská, Jiřina	14
Dundr, Pavel	14
Fenclová, Zdenka	14
Fialová, Daniela	14
Filipec, Martin	14
Fišar, Zdeněk	14
Honzík, Tomáš	14
Jirsová, Kateřina	14
Klamová, Hana	14
Kučka, Jan	14
Marinov, Iuri	14
Matouš-Malbohan, Ivan	14
Pacft, Ivo	14
Pařízek, Antonín	14
Plzáková, Zuzana	14
Roth, Jan	14
Sosna, Antonín	14
Svačina, Štěpán	14
Šeda, Ondřej	14
Školoudík, David	14
Štork, Jiří	14
Tesařová, Markéta	14
Vítek, Pavel	14
Zavoral, Miroslav	14
Befekadu, Asfaw	13
Bobek, Vladimír	13
Bušková, Jitka	13
Cetkovský, Petr	13
Hartmannová, Hana	13

Autor	H-index	Autor	H-index	Autor	H-index
Heissigerová, Jarmila	13	Mašata, Jaromír	12	Balík, Martin	10
Jansa, Pavel	13	Merta, Miroslav	12	Beličková, Monika	10
Ješina, Pavel	13	Minárik, Marek	12	Berná, Linda	10
Julák, Jaroslav	13	Mourek, Jindřich	12	Bezdiček, Ondřej	10
Klaschka, Jan	13	Plavka, Richard	12	Bláha, Jan	10
Kornalík, František	13	Pokorný, Jaroslav	12	Bradna, Pavel	10
Kostrouch, Zdeněk	13	Poupětová, Helena	12	Brůha, Radan	10
Krijt, Jan	13	Ryšavá, Romana	12	Čabala, Radomír	10
Lacina, Lukáš	13	Skalniková, Magdalena	12	Dohnalová, Alena	10
Langmeier, Miloš	13	Šedová, Lucie	12	Dvořáček, Jan	10
Lebeda, Ondřej	13	Štulc, Tomáš	12	Eliška, Oldřich	10
Lišková, Petra	13	Vecka, Marek	12	Filková, Mária	10
Malík, Jan	13	Weiss, Petr	12	Forejtová, Šárka	10
Mráz, Miloš	13	Zacharov, Sergej	12	Havlík, Martin	10
Muchová, Lucie	13	Zelenka, Jaroslav	12	Hodaňová, Kateřina	10
Paleček, Tomáš	13	Živný, Jaroslav	12	Holub, Michal	10
Pinskerová, Věra	13	Bělohávek, Jan	11	Hrušková, Zdenka	10
Pláteník, Jan	13	Bortlík, Martin	11	Chovanec, Martin	10
Prokešová, Ludmila	13	Bříza, Tomáš	11	Jahoda, David	10
Seifert, Bohumil	13	Dušková, Jaroslava	11	Jarošová, Kateřina	10
Síkora, Jakub	13	Foltán, René	11	Kejčík, Zdeněk	10
Slanař, Ondřej	13	Heráček, Jiří	11	Kittnar, Otomar	10
Štrauch, Branislav	13	Hoza, Jozef	11	Krylov, Vladimír	10
Urban, Pavel	13	Kaplánek, Robert	11	Křížová, Jarmila	10
Vachtenheim, Jiří	13	Kleiblová, Petra	11	Kučerová, Zdenka	10
Vítek, Antonín	13	Klener, Pavel	11	Levý, Miroslav	10
Vlček, Petr	13	Klozar, Jan	11	Lipská, Ludmila	10
Vokurka, Martin	13	Kužel, David	11	Lízrová, Jana	10
Vrablík, Michal	13	Leníček, Martin	11	Lopot, František	10
Zvárová, Jana	13	Mann, Heřman	11	Mára, Michal	10
Barešová, Veronika	12	Martan, Alois	11	Matěj, Radoslav	10
Boudová, Lea	12	Matoulek, Martin	11	Naňka, Ondřej	10
Broulík, Petr	12	Netuka, Ivan	11	Nosková, Lenka	10
Calda, Pavel	12	Olejárová, Marta	11	Pavlišťová, Lenka	10
Čertíková-Chábová, Věra	12	Petrák, Ondřej	11	Ptáček, Radek	10
Dušek, Petr	12	Písačka, Martin	11	Sláma, Jiří	10
Dvořáková, Lenka	12	Pohlreich, David	11	Slámová, Alena	10
Holaj, Robert	12	Pokorný, David	11	Šebesta, Ivan	10
Houštíková, Hana	12	Rosa, Ján	11	Šída, Pavel	10
Klempíř, Jiří	12	Schwarz, Jiří	11	Šmakal, Martin	10
Klener, Pavel	12	Stibůrková, Blanka	11	Tegzová, Dana	10
Klenerová, Věra	12	Stránecký, Viktor	11	Týblová, Michaela	10
Křemen, Jaromír	12	Šefc, Luděk	11	Valášek, Petr	10
Límanová, Zdeňka	12	Švabík, Kamil	11	Vyletal, Petr	10
Malíčková, Karin	12	Urbánek, Petr	11	Zápotocký, Martin	10
Marusič, Petr	12	Astl, Jaromír	10	Závada, Jakub	10

Autor	H-index
Zeman, Miroslav	10
Bartoniček, Jan	9
Bečvář, Radim	9
Bouček, Jan	9
Čada, Zdeněk	9
Daneš, Jan	9
Dobrovolný, Robert	9
Dungl, Pavel	9
Fanta, Michael	9
Gašová, Zdenka	9
Hnízda, Aleš	9
Hroudová, Jana	9
Chalupa, Pavel	9
Janota, Jan	9
Jirkovská, Marie	9
Kameníková, Ludmila	9
Kaválková, Petra	9
Kocna, Petr	9
Kohoutová, Milada	9
Korabečná, Marie	9
Kostrouchová, Marta	9
Koucký, Michal	9
Kutinová-Canová, Nikolína	9
Lincová, Dagmar	9
Magner, Martin	9
Machová Poláková, Kateřina	9
Maixnerová, Dita	9
Martínek, Jindřich	9
Maruna, Pavel	9
Mašata, Martin	9
Mělková, Zora	9
Mysliveček, Jaromír	9
Odrážka, Karel	9
Oliverius, Martin	9
Ouda, Ladislav	9
Petrtyl, Jaromír	9
Posová, Helena	9
Procházková, Jarmila	9
Příhodová, Iva	9
Reiterová, Jana	9
Schejbalová, Miriam	9
Skácel, Tomáš	9
Sokolová, Jitka	9
Soukup, Viktor	9
Springer, Drahomíra	9
Strouhal, Eugen	9

Autor	H-index
Suchomel, Petr	9
Šimek, Stanislav	9
Šišková, Magda	9
Šteková, Jitka	9
Štulík, Jan	9
Veselá, Kateřina	9
Větvíčka, David	9
Vevera, Jan	9
Zikánová, Marie	9
Žižka, Zdeněk	9
Abrahámová, Jitka	8
Barkmanová, Jaroslava	8
Baxová, Alice	8
Bešán, Tomáš	8
Benáková, Hana	8
Beneš, Vladimír	8
Beran, Ondřej	8
Bradáč, Ondřej	8
Čabart, Pavel	8
Diblík, Pavel	8
Doležel, Martin	8
Drobná Krejčí, Eliška	8
Fait, Tomáš	8
Fučíková, Terezie	8
Glásllová, Kateřina	8
Homolka, Jiří	8
Hubka, Petr	8
Jančová, Eva	8
Janota, Tomáš	8
Ježková, Jana	8
Jiskra, Jan	8
Kadlecová, Libuše	8
Karban, Josef	8
Karetová, Debora	8
Kloučková, Jana	8
Kokavec, Juraj	8
Kovárník, Tomáš	8
Králíková, Eva	8
Krátká, Zuzana	8
Kryl, Jan	8
Kučera, Tomáš	8
Landor, Ivan	8
Lindner, Jaroslav	8
Liška, František	8
Lizcová, Libuše	8
Marešová, Dana	8

Autor	H-index
Michálek, Pavel	8
Michalská, Dana	8
Michalský, David	8
Miovský, Michal	8
Muravská, Alexandra	8
Netuka, David	8
Nikolai, Tomáš	8
Novák, František	8
Novotná, Jitka	8
Olejář, Tomáš	8
Pokorná, Pavla	8
Popelka, Stanislav	8
Přistoupilová, Anna	8
Raška, Ivan	8
Reinštein Merjavá, Stanislava	8
Rusina, Robert	8
Rusinová, Kateřina	8
Smutek, Daniel	8
Soukupová Maaloufová, Jacqueline	8
Stibůrek, Lukáš	8
Szabo, Pavol	8
Šochman, Jan	8
Štádlér, Petr	8
Šulc, Karel	8
Švestková, Olga	8
Tesařová, Petra	8
Tulupova, Elena	8
Vacík, Tomáš	8
Vavřík, Pavel	8
Vejražka, Martin	8
Vítek, František	8
Vyskočil, Tomáš	8
Závadová, Eva	8
Zemanová, Milada	8
Zikán, Vít	8



*PhDr. Hana Skálová
Head of the Institute of Scientific Information,
First Faculty of Medicine, Charles University
and General University Hospital in Prague*

INSTITUTE OF SCIENTIFIC INFORMATION OF THE FIRST FACULTY OF MEDICINE

As a joint institution of the First Faculty of Medicine and the General University Hospital, the Institute of Scientific Information provided services in 2017 in order to meet the requirements of all categories of to the maximum scope and level of quality. All the activities, services and scope of services of the Institute are presented at its web pages as well as through social webs. By 31st December 2017, as many as 6,980 users were registered; of whom 984 were University staff and students, 5,244 undergraduate and graduate students of the Faculty, 417 Faculty staff members, 68 General University Hospital staff members, 203 users from among general public and 64 fellows.

LIBRARY

Part of the Institute of Scientific Information is a public specialized library, whose basic task is securing the study literature, above all in the classic printed form. Although electronic textbooks and e-books in general keep increasing in number, the classic printed textbook is and will long be indispensable. E-books are rather used in professional practice, even though they have been used in basic studying as well. E-books in Czech language are still the Cinderella of the study resources, and an overwhelming majority of e-books come in English. This type of textbooks is mainly used by international students. Czech students take them as textbooks of professional English, e.g. before going abroad for a stay of before a language exam.

The acquisition plan, i.e. the list of publications to complete and enrich the library collection, is compiled continuously, and based on teachers' recommendations, students' requests and constant observation of printed as well as electronic production of publishing houses and other producers. Besides that, each user of the library, teacher or student, has the possibility to initiate the purchase of the necessary title through a web form.

During 2017, the total number of library operations performed was 123,643 (51,594 items loaned, 72,049 loans prolonged). The library is daily visited by 450-500 users on average (loans, reference services, study room, MyQ printing system, copying, scanning). In the study room, 134 standard seats are available to registered users, plus 12 seats at computers to enable studying e-books and other e-resources. The study room is open for 54 hours a week and the average daily occupation rate is 95 per cent.

Interlibrary loan services (MVS, MMVS) are still much requested. The library staff provides both printed and electronic documents that are not available at the Institute of Scientific Information from similar libraries and information institutions throughout the country as well as abroad. In 2017, they met more than 2,015 orders, which is more than the 2016 figures as well.

The initiative and close co-operation of faculty libraries and the Central Library of Charles University, all the faculty libraries at Charles University entered into the agreement about the *unified loan matrix*. Practically it means that since 1 January 2017 unified terms and conditions apply to all the registered users at Charles University (within the respective categories – student, researcher, etc.). To reflect this change, the Institute of Scientific Information prepared a new Loan Rules of the First Faculty of Medicine of Charles University, which was published as the new Dean's Order number 1/2017.

SECTION OF LIBRARY COLLECTION MANAGEMENT

The current revised library collection held at the departments and institutes is undergoing gradual re-cataloguing. It is only the staff of the Institute of Scientific Information that has been performing this task. During 2017, the total number

of 5,408 library items (monographs and series of periodicals) were processed. To date, collections of 15 branch libraries (out of 46) have been completely processed.

Section of processing of historic library items

Throughout the year, systematic professional processing of the collection of the Institute for History of Medicine and Foreign Languages, which is on the list of the Ministry of Culture of the Czech Republic, was systematically continued, including arrangement of the collection, its complete cataloguing, cleaning and treatment, and subsequently appropriate keeping of each volume in a “tailored” box of non-acidic cardboard. Identifying description of an incunabulum is a time-consuming task, which cannot be compared to usual standard cataloguing. An extra reason is the fact that our cataloguing of the historic collection is focused on provenance research whose purpose is identification of book collections that subsequently became part of the collection of the First Faculty of Medicine of Charles University.

In co-operation with custodians of the library system of Charles University, all was programmed that was necessary for the entry (identifying) description of a historic document in the library system Aleph, i.e. creation of a complete catalogue record. The Institute of Scientific Information extended the standard description form with a field for special metadata, used in description of units of the historic collection. To date, more than 400 volumes have been processed and recorded in the catalogue. In 2017, the 16th century incunabula were catalogued, and at the moment the cataloguing continues in processing the publications printed in the 17th century. At the same time, cataloguing the incunabula in the collection of the Institute of Medical Biochemistry and Laboratory Diagnostics is in progress.

In 2017, the *ProArc* system (production and archiving system for data in the system *Kramerius* format) and the *Kramerius* system version 5, which enables access to digitally processed documents at kramerius.lf1.cuni.cz, were installed and put in operation. One of the routine tasks is co-operation with the Register of Digitalization (www.registrdigitalizace.cz) of the National Library of the Czech Republic, where we report our new acquisitions and projects of digitalization. Before the proper digitalization can start, a thorough search always takes place to check whether the book has or has not been digitalized – this is to avoid redundant work.

Within the Faculty's digital library *Bibliotheca Facultatis Medica Prima*, digitalized copies of monographs from the historic collections of our Faculty. The first ever publication loaded into *Kramerius* was *Konvolut anatomických atlasů* [A convolute of anatomical atlases]. Another curiosity was the manuscript called *Kníška Domacých Léků* [Ye Book of Home Medicines]. By the end of 2017 we published the four volumes of Horbaczewski's *Chemie lékařská* [Medical Chemistry] and the first number of the medical journal *Sborník lékařský* (while the other numbers are being prepared and the whole historic series will be accessible).

In 2017, digitalization of historic textbooks and monographs by authors from our Faculty was still in progress. This is what we call Textbook Preservation Collection. At the next stage, the issue of access within the *Kramerius* system will be tackled, which must be in keeping with the Authorship Act and only provided on controlled terminals.

SECTION OF REFERENCE SERVICES AND MANAGEMENT OF E-RESOURCES

The Section of Reference Services and Management of E-resources is in charge of complete management of electronic information resources, i.e. the agenda of licences, parameters of access, solution of technical problems, information about the resources offered etc. At the time, in 2017, we offer access to more than 70 licenced resources available – bibliographic, full-text and general reference data bases, collections of e-journals and e-books. The web pages of the Institute – <http://uvi.lf1.cuni.cz/e-zdroje/> – provide a simple and clear presentation of all e-resources that are available at Charles University.

In the past period, the Institute of Scientific Information concentrated on participation in co-ordinating activities of medical faculties under the University's membership of the national project CzechELib (CEL), which means a contract for collection of necessary resources for medical science. Charles University as a whole is a member of the national consortium for purchase of e-resources, organized by the National Library of Technology in Prague. The licence contracts (and therefore the prices) have been negotiated to cover the time until 2020, while all and any current subsidy support ended by 31st December 2017.

The resources are divided into 2 groups:

- **core resources** (e.g. Web of Science), financed by Charles University and the faculties;
- **branch resources** – particular faculties of Charles University pay their share each, calculated according to FTE (i.e. the number of students and academic and/or educational staff).

In the past years, the branch resources for medicine were financed from the development programme of the Central Library of Charles University, which was ended by 31st December 2017. Therefore, a new situation arose for the medical faculties of Charles University, involving sharing the costs of financing the branch resources by all the medical faculties. The financial requirements to the First Faculty of Medicine are very high, considering the size of the school and the calculated number of potential users – the FTE parameter. Nevertheless, we managed to negotiate the share of financing at a considerably lower level. It has always been an established good habit that all medical faculties observed some co-ordinated acquisition of the

branch resources, and this was traditionally done in this year's decision making as well.

Statistical figures show the continuously increasing use of electronic information resources, particularly e-journals. Crucial factors for the higher use were the possibility of remote access and continuous promotion of working with e-resources.

Another service offered by the Section is literature search in the resources purchased. Work with e-resources is also part of tuition for all accredited non-medical study fields, where the Institute of Scientific Information participates, and seminars for PhD students and anyone interested among the staff of the First Faculty of Medicine as well as the General University Hospital in Prague.

Section of Bibliographic Recording of Publishing Activities and Evaluation of Scientific Work at the First Faculty of Medicine

This Section performs all the tasks connected with collection and processing of the publishing activities. The data is further processed for the Faculty's purposes and then reported to registers of the superior institutes. It also serves for internal evaluation of scientific activity. In April, the new Rector's Order number 31/2017 – Record of results of creative activities.

Collection of the data on published works of the authors from the First Faculty of Medicine as well as the General Teaching Hospital (with one common data base for the two institutions) has been through the OBD system for the past three years. At the time, the system includes records of 330,650 (from whole Charles University), of which 60,061 were the domain of the First Faculty of Medicine.

Throughout the year, continuous collection of records issued in 2017 was performed. By themselves, the staff of the Institute of Scientific Information enters bibliographic information into the OBD system, above all the data on publications recorded in the Web of Science data base. They enter the records from Czech periodicals and books as well. The authors' obligation to precisely give their allegiance to the University, or rather Faculty and/or Hospital in their publications enables maximum efficiency in excerption from data bases. Then the authors' task is limited to checking that all their publications are included in the OBD data base and filling in such specific details, required e.g. by the RIV registry, that only the author can give. Particular organization units are asked to secure that at the end of the collecting, i.e. usually before the end of February next year.

Communication with the institutes and clinical departments is facilitated by contact persons from the respective organization units. Usually it is the librarian, secretary or newly qualified young scientist. Their knowledge of the specific setting, problems of the workplaces and everyday contact with the authors is essential and it always gives considerable momentum to checking the data of the publications and/or completing the extra details for the superior bodies.

At the web pages of the Institute (<http://uvi.lf1.cuni.cz>) in the section **Publishing activity**, all continuously updated manuals and information necessary for data collection and agenda of responses in citations are available.

Definite records our authors are available in a public browser at the address https://verso.is.cuni.cz/cgi/verso.fpl?fname=obd_public&public_id=1201. Nevertheless, there is still a lot of demand for export from a data base – surveys of recorded publications for a variety of purposes and in a format of your choice.

Response in citation

The work of the Section also includes the agenda of response in citation and the Hirsch index (h-index), which serves for internal evaluation of the First Faculty of Medicine for the past calendar year. Already for five years, methodology has been available that dramatically facilitates collection of the responses, as it continuously employs the previous years' data. So in case of publications that have been cited before, it is simple to use the data again, just updating the number of citations in the respective period under observation.

One of the Section's additional activities is identification of faulty entries in Web of Science, which often occur due to unreliable computer processing. Sorting out the data will result in a higher number of responses in citation identified and a higher h-index of our authors, and thereby the prestige of the Faculty as well.

Personal identifiers: ORCID (Open Researcher and Contributor ID – <http://orcid.org/>), ResearcherID a ScopusID

The Rector's Order number 28/2016 – *Introduction of personal identifiers for unambiguous identification of the author of a published result at Charles* became valid on 15th October 2016. On each of the authors, it imposes the duty to establish his/her own ORCID and include his/her publications from the data bases Web of Science and Scopus into his/her profile. This Order was prepared and issued under the Concept of Information System for Research, Experimental Development and Innovations for the period of 2016–2020, approved by the Government of the Czech Republic on 13th January 2016.

Throughout the year 2017, the Institute of Scientific Information provided intensive support to anyone interested in getting a PIN. Their number is gradually increasing as the authors are requested to provide this data to editors of scientific journals and as the public awareness of the advantages of PID is growing.

Open Access

The Institute of Scientific Information is intensively involved in the agenda of Open Access (OA). In the Open Access Initiative

of the Association of University Libraries of the Czech Republic the staff of the Institute are active, above all, in co-ordination and conduction of business meetings, presentations in seminars etc.

The issue of Open Access OA and above all the problem of predator journals was also dealt with by the Institute within the Faculty, in the form of seminars for professional public and tuition for Masters degree programmes, specifically in the summer semester of 2016–2017. In order to promote publishing, the contact e-mail openaccess@lf1.cuni.cz has been established, through which the publishing authors can send enquiries concerning OA and predator publishers/journals.

In this relation, the Institute is able to secure checking of technicalities and to guide the author in the decision whether the chosen journal meets the common standards of scientific communication. There is also a regularly updated page on the web site of the Institute of Scientific Information, dedicated to this issue: <http://uvi.lf1.cuni.cz/otevreny-pristup>.

VIDEO AND PHOTO SECTION

Activity of the section is focused on creation of video programmes. In 2017, 22 videos were completed and another 5 are being finished. The response to the work of the section is really positive, and the service is in demand more and more.

Education

The Institute of Scientific Information participates in tuition of Bachelor and follow-up Master degree programmes. We offer an elaborate system of training in information expertise and skills at the Bachelor (basic) and Master (professional and scientific information) levels. For postgraduate students, we – in co-operation with the Central library of Charles University – prepared a really successful cycle of seminars called Strategies of work with scientific information with special focus on scientific medical information. The interest among the doctorands is extraordinary, and we will repeat the course again in a shortened, one-semester version.

In conclusion

I would like to take this chance to express – on behalf of the staff of the Institute of Scientific information – appreciation to all the people who last year contributed to the development of the services of the Institute by advice and assistance. Our objective is a continuous shift in common perception of our Institute from a mere library to a specialist institution that provides complex qualified librarian and information services to support education, science, research and study.

MONOGRAPHS IN 2017


SELECTED MONOGRAPHS AND TEXTBOOKS PUBLISHED BY AUTHORS/CO-AUTHORS FROM CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE AT RELEVANT PUBLISHING HOUSES IN 2017
ARTILIS

- ŠIMŮNEK, Antonín, et al. *Dentální implantologie* [Dental implantology]. 3rd revised and amended ed. Hradec Králové: ARTILIS, 2017. 495 pp. ISBN 978-80-906794-0.

Axonite

- ROKYTA, Richard and Cyril HŮSCHL, eds. *Moderní medicína* [Modern medicine]. Mlečice: Axonite, 127 pp. ISBN 978-80-88046-14-1.

Current Media

- HRUŠÁK, Daniel, et al. *Stomatochirurgie: klinické aspekty* [Dental surgery: clinical aspects]. MKN-10. Praha: Current Media, 2017. 343 pp. ISBN 978-80-88129-25-7.
- ZLATOHLÁVEK, Lukáš, et al. *Interna pro bakalářské a magisterské obory* [Internal medicine for Bachelor and master programmes]. Praha: Current Media, 2017. 487 pp. ISBN 978-80-88129-23-3.
- ŠEBKOVÁ, Alena, et al. *Kazuistiky z primární pediatrické praxe* [Case studies from primary paediatric practice]. Praha: Current Media, 2017. 214 pp. ISBN 978-8088129-16-5.

ČLS JEP

- ČEŠKA, Richard, et al. *Dyslipidémie: doporučené diagnostické a terapeutické postupy pro všeobecné praktické lékaře* [Dislipidaemia: recommended diagnostic and therapeutic procedures for general practitioners]. 2017. Praha: ČLS JEP, 2017. 13 pp. ISBN 978-80-86998-89-3.

Elsevier

- CZLONKOWSKA, Anna and Michael L. SCHILSKY, eds. *Wilson Disease*. Amsterdam: Elsevier, 2017. 248 pp. ISBN 978-0-444-63625-6.
- ROCKWOOD JR, Charles A., ed. et al. *Rockwood and Matsen's The Shoulder*. 5th ed. Philadelphia: Elsevier, 2017. xix, 1284 pp. ISBN 978-0-323-29731-8.

European Society for Medical Oncology

- BOIS, Andreas, du, ed., Marcia HALL, ed. a Christiana C. FOTOPOULOU, ed. *Gynaecological Tumours: Essentials for Clinicians*. Viganello-Lugano: European Society for Medical Oncology, 2017. ISBN 978-88-7278-715-9.

Farmakon Press

- BABJUK, Marko, et al. *Kastračně rezistentní karcinom prostaty* [Castration-resistant prostatic carcinoma]. Praha: Farmakon Press, 2017. 124 pp. ISBN 978-80-906589-4-3.

Galén

- BALÍKOVÁ, Marie. *Forenzní a klinická toxikologie: laboratorní toxikologická vyšetření* [Forensic and clinical toxicology: laboratory toxicological investigations]. 2nd amended ed. Praha: Galén, 2017. 127 pp. ISBN 978-80-7492-304-3.
- DLOUHÁ, Olga, et al. *Poruchy vývoje řeči* [Speech development disorders]. Praha: Galén, 2017. 254 pp. ISBN 978-80-7492-314-2.
- JIRKOVSKÁ, Marie, et al. *Histologická technika* [Histological technique]. 2nd amended ed. Praha: Galén, 2017. 79 pp. ISBN 978-807-7492-3-258.
- KOZÁK, Igor, et al. *Oftalmorevmatologie* [Ophthalmorheumatology]. Praha: Galén, 2017. 287 pp. ISBN 978-80-7492-294-7.
- MAREK, Josef, et al. *Endokrinologie* [Endocrinology]. Praha: Galén, 2017. 692 pp. ISBN 978-80-7262-484-3.
- MAZÁNEK, Jiří, Milena Nedvědová and Hana Staňková. *Stomatologie* [Stomatology]. Praha: Galén, 2017. 136 pp. ISBN 978-80-7492-315-9.
- POVÝŠIL, Ctibor. *Patomorfologie chorob kostí a kloubů* [Pathomorphology of bone and joint diseases]. Praha: Galén, 2017. 557 pp. ISBN 978-80-7492-3-081.
- PTÁČEK, Radek, Petr Bartůněk and Jan Mach. *Informovaný souhlas: etické, právní, psychologické a klinické aspekty* [Informed consent: ethical, legal, psychological and clinical aspects]. Praha: Galén, 2017. 327 pp. ISBN 978-80-7492-334-0.
- ROZSÍVAL, Pavel, et al. *Oční lékařství* [Ophthalmology]. 2nd revised ed. Praha: Galén, 2017. 229 pp. ISBN 978-80-7492-316-6.
- WEISS, Petr. *Poruchy sexuální preference* [Sexual preference disorders]. Praha: Galén, 2017. 440 pp. ISBN 978-80-7492-3-104.

Geum

- JIRKOVSKÁ, Alexandra, et al. *Skupinová edukace diabetiků: jak na to...* [Group education of diabetics: how to do it...]. Semily: Geum, 2017. 158 pp. ISBN 978-80-87969-33-5.

GRADA

- GRIM, Miloš, Ondřej NAŇKA and Ivan HELEKAL. *Atlas anatomie člověka* [Atlas of human anatomy]. Praha: Grada, 2017. 404 pp. ISBN 9788024741567.
- KREJČA, Miroslav, et al. *Dupuytrenova nemoc* [Dupuytren disease]. 2nd amended and revised ed. Praha: Grada, 2017. 135 pp. ISBN 978-80-247-5424-6.
- MELLANOVÁ, Alena. *Psychosociální problematika v ošetrovatelské profesi* [Psychosocial issues in nursing profession]. Praha: Grada, 2017. 112 pp. ISBN 978-80-247-5589-2. Navrátil, Leoš, et al. *Vnitřní lékařství pro nelékařské zdravotnické obory* [Internal medicine for non-medical health fields]. 2nd, completely revised and amended ed. Praha: Grada, 2017. 559 pp. ISBN 978-80-271-0210-5.
- Pilný, Jaroslav, et al. *Chirurgie ruky* [Surgery of the hand]. 2nd updated and amended ed. Praha: Grada, 2017. 504 pp. ISBN 978-80-271-0180-1.
- Ptáček, Radek, et al. *Biofeedback v teorii a praxi* [Theory and practice of biofeedback]. Praha: Grada, 2017. 167 pp. ISBN 978-80-247-5694-3.
- ROZTOČIL, Aleš, et al. *Moderní porodnictví* [Modern midwifery]. 2nd, revised and amended ed. Praha: Grada, 2017. 621 pp. ISBN 978-80-247-5753-7.
- ŠPIČÁK, Julius, et al. *Novinky v gastroenterologii a hepatologii II* [New in gastroenterology and hepatology, vol. II]. Praha: Grada, 2017. 296 pp. ISBN 978-80-271-0318-8.
- ŠVESTKOVÁ, Olga, et al. *Rehabilitace motoriky člověka: fyziologie a léčebné postupy* [Rehabilitation of human motor ability: physiology and therapeutic procedures]. Praha: Grada, 2017. 319 pp. ISBN 978-80-271-0084-2.
- Zvěřová, Martina. *Alzheimerova demence* [Alzheimerova dementia]. Praha: Grada, 2017. 143 pp. ISBN 978-80-271-0561-8.

InTech

- RADIC, Mislav, ed. *Systemic Sclerosis*. Rijeka: InTech, 2017. 206 pp. ISBN 978-953-51-3547-0.

International Organization for Migration

- HNILICOVÁ, Helena, Karolína DOBIÁŠOVÁ and Pavel ČIŽINSKÝ. *Migrant Integration Policy Index Health Strand: Country Report Czech Republic*. Brussels: International Organization for Migration Regional Office for the European Economic Area (EEA), the EU and NATO Brussels, 2017. 30 pp., ISBN not found.

Karolinum

- KKŘENOVÁ, Drahomíra and Berta OTOVÁ. *How to practise biological and medical genetics*. 3rd ed. Praha: Karolinum, 2017. 199 pp. ISBN 978-80-246-3740-2.
- Kohoutová, Milada, et al. *Lékařská biologie a genetika. II. díl* [Medical biology and genetics. Vol. II]. 2nd ed. Praha: Karolinum, 2017. 202 pp. ISBN 978-80-246-3790-7.

- KULIŠŤÁK, Petr, et al. *Klinická neuropsychologie v praxi* [Clinical neuropsychology in practice]. Praha: Karolinum, 2017. 902 pp. ISBN 978-80-246-3068-7.

Maxdorf

- Broulík, Petr. *Onemocnění způsobená poruchami kalciofosfátového metabolismu* [Diseases caused by calciophosphate metabolism disorders]. Praha: Maxdorf, 2017. 271 pp. ISBN 978-80-7345-523-1.
- BÜCHLER, Tomáš, et al. *Speciální onkologie* [Special oncology]. Praha: Maxdorf, 2017. 277 pp. ISBN 978-80-7345-539-2.
- Fait, Tomáš, Michal Zikán and Jaromír Mašata. *Moderní farmakoterapie v gynekologii a porodnictví* [Modern pharmacotherapy in gynaecology and obstetrics]. 2nd extended ed. Praha: Maxdorf, 2017. 624 pp. ISBN 978-80-7345-482-1.
- Hytych, Vladislav, et al. *Traumatologie hrudníku v instruktivních kazuistikách* [Thoracic traumatology in instructive case studies]. Praha: Maxdorf, 2017. 264 pp. ISBN 978-80-7345-526-2.
- Jansa, Pavel, et al. *Chronická plicní hypertenze* [Chronic lung hypertension]. Praha: Maxdorf, 2017. 378 pp. ISBN 978-80-7345-525-5.
- KARETOVÁ, Debora, Miroslav CHOCHOLA, et al. *Vaskulární medicína* [Vascular medicine]. Praha: Maxdorf, 2017. 381 pp. ISBN 978-80-7345-536-1.
- Kočová, Eva, et al. *HRCT u intersticiálních plicních procesů v instruktivních kazuistikách* [HRCT in interstitial lung processes in instructive case studies]. Praha: Maxdorf, 2017. 242 pp. ISBN 978-80-7345-532-3.
- Kolek, Vítězslav, et al. *Pneumologie* [Pneumology]. 3rd extended ed. Praha: Maxdorf, 2017. 645 pp. ISBN 978-80-7345-538-5.
- Kovář, Petr, et al. *Atlas panoramatické hysteroskopie: s doplňujícím videoatlasem na internetu* [Atlas of panoramic hysteroscopy: appended with a video atlas on internet]. Praha: Maxdorf, 2017. 257 pp. ISBN 978-80-7345-542-2.
- Krajsová, Ivana a Jan Bauer. *Melanom: imunoterapie a cílená léčba* [Melanoma: immunotherapy and targeted therapy]. Praha: Maxdorf, 2017. 381 pp. ISBN 978-80-7345-515-6.
- Kršek, Michal. *Systémová kortikoterapie* [Systemic corticotherapy]. Praha: Maxdorf, 2017. 69 pp. ISBN 978-80-7345-345-9.
- Mašata, Jaromír, et al. *Infekce v gynekologii* [Infection in gynaecology]. 3rd extended ed. Praha: Maxdorf, 2017. 262 pp. ISBN 978-80-7345-531-6.
- Pavelka, Karel, et al. *Farmakoterapie revmatických onemocnění* [Pharmacotherapy for rheumatic diseases]. Praha: Maxdorf, 2017. 347 pp. ISBN 978-80-7345-537-8.
- Sedlář, Martin, et al. *Zlomeniny proximálního femuru: komplexní péče o pacienta* [Proximal femur fractures: complex patient care]. Praha: Maxdorf, 2017. 153 pp. ISBN 978-80-7345-518-7.
- Štětkářová, Ivana, et al. *Moderní farmakoterapie v neurologii* [Modern pharmacotherapy in neurology]. 2nd extended ed. Praha: Maxdorf, 2017. 535 pp. ISBN 978-80-7345-529-3.
- Vašáková, Martina, et al. *Bronchologie a pneumologická cytodiagnostika* [Bronchology and pneumological cytodiagnosics]. Praha: Maxdorf, 2017. 364 pp. ISBN 978-80-7345-533-0.
- Vítko, Štefan and Věra Adámková. *Kardiorenální syndromy* [Cardiorenal syndromes]. Praha: Maxdorf, 2017. 130 pp. ISBN 978-80-7345-527-9.
- Vojáček, Jan and Jiří Kettner. *Klinická kardiologie* [Clinical cardiology]. 3rd ed. Praha: Maxdorf, 2017. 1193 pp. ISBN 978-80-7345-549-1.

Ministerstvo obrany České republiky

- LÁNÍK, Jaroslav and Tomáš KYKAL. *Léta do pole okovaná 1914-1918. Svazek II., 1915 – noví nepřátelé, nové výzvy* [The years steel-clad for battle: 1914-1918. Vol. II, 1915 – new enemies, new challenges]. Praha: Ministerstvo obrany České republiky, 2017. ISBN 978-80-7278-715-9.

Mladá fronta

- Fuchs, Martin, et al. *Kazuistiky z potravinové alergie a intolerance* [Case studies from food allergy and intolerance]. Praha: Mladá fronta, 2017. 199 pp. ISBN 978-80-204-4644-2.
- Horáková, Dana, et al. *Autoimunita nervového systému v kazuistikách* [Autoimmunity of the nervous system in case studies]. Praha: Mladá fronta, 2017. 150 pp. ISBN 978-80-204-4572-8.
- Hořejší, Jan, et al. *Dětská gynekologie* [Children's gynaecology]. Praha: Mladá fronta, 2017. 302 pp. ISBN 978-80-204-4027-3.
- Krajsová, Ivana, et al. *Maligní kožní nádory: průvodce diagnostikou a léčbou nemelanomových kožních nádorů a melanomu* [Malignant skin tumours: a guidebook to diagnosis and treatment of non-melanoma skin tumours and melanoma]. Praha: Mladá fronta, 2017. 287 pp. ISBN 978-80-204-4186-7.
- Němec, Pavel, Veronika Löfflerová a Bohdan Kousal. *Optická koherenční tomografie: klinický atlas sítnicových patologií* [Optic coherence tomography: clinic atlas of retinal pathologies]. 2nd, revised and amended ed. Praha: Mladá fronta, 2017. 405 pp. ISBN 978-80-204-4414-1.
- Oliverius, Martin, et al. *Selhání střeva a transplantace tenkého střeva* [Bowel failure and small bowel transplantation]. Praha: Mladá fronta, 2017. 382 pp. ISBN 978-80-204-4088-4.

- Opatrná, Marie. *Etické problémy v onkologii* [Ethical problems in oncology]. 2nd revised and amended ed. Praha: Mladá fronta, 2017. 118 pp. ISBN 978-80-204-4522-3.
- Roztočil, Karel, et al. *Nemoci končetinových cév* [Diseases of vessels in extremities]. Praha: Mladá fronta, 2017. 350 pp. ISBN 978-80-204-4371-7.
- Svačina, Štěpán, Jan Škrha and Tomáš Trč, eds. *Jan Evangelista Purkyně a jeho význam pro současnou i budoucí medicínu* [Johann Evangelist Purkinje and his importance for contemporary and future medicine]. Praha: Mladá fronta, 2017. 515 pp. ISBN 978-80-204-4669-5.
- Táborský, Miloš, et al. *Kardiologie* [Cardiology]. Praha: Mladá fronta, 2017. 1350 pp. ISBN 978-80-204-4434-9. Tesař, Vladimír. *Biosimilars*. Praha: Mladá fronta, 2017. 150 pp. ISBN 978-80-204-4642-8.
- VOTRUBA, Jiří and Juraj ŠIMOVIČ. *Plicní endoskopie: současné možnosti endoskopické diagnostiky a terapie v pneumologii* [Lung endoscopy: present-time scope of endoscopic diagnosis and therapy in pneumology]. Praha: Mladá fronta, 2017. 254 pp. ISBN 978-80-204-4552-0.

Národní ústav duševního zdraví [National Institute of Mental Health]

- PAPEŽOVÁ, Hana. *Anorexia nervosa: příručka pro všechny, kteří trpí nemocí - postižené samotné, jejich rodiny, přátele, partnery a některé odborníky (učitele a lékaře první linie)* [Anorexia nervosa: handbook for all disease sufferers – themselves, their families, friends, partners and some professionals (teachers and physicians of the first contact)]. 2nd revised ed. Klecany: Národní ústav duševního zdraví, 2017. 68 pp. ISBN 978-80-87142-34-9.

Nova Science

- COSTA, Andres and Eugenio VILLALBA, eds. *Horizons in Neuroscience Research*. Vol. 31. New York: Nova Science, 2017. 211 pp. ISBN 978-1-5361-2392-0.

Solen

- Matoušková, Michaela, et al. *Multimodální přístup k nádorům močového měchýře a prostaty: výběr článků z knihy* [Multimodal approach to tumours of the urinary bladder and prostate gland: a selection of articles from the book]. Olomouc: Solen, 2017. 55 pp. ISBN 978-80-7471-206-7.

Springer

- ARCHIBALD, John M., Alastair G. B. SIMPSON a Claudio H. SLAMOVITS, eds. *Handbook of the Protists*. 2nd ed. Cham: Springer, 2017. 1657 pp. ISBN 978-3-319-28147-6.
- BENEŠ, Vladimír a Ondřej BRADÁČ, eds. *Brain Arteriovenous Malformations*. Cham: Springer, 2017. 241 pp. ISBN 978-3-319-63963-5.
- NEVŠÍMALOVÁ, Soňa and Oliviero BRUNI, eds. *Sleep Disorders in Children*. Berlin: Springer, 2017. 422 pp. ISBN 978-3-319-28638-9.
- ROVENSKÝ, Jozef, ed. *Gerontorheumatology*. Cham: Springer, 2017. 377 pp. ISBN 978-3-319-31167-8.
- ROVENSKÝ, Jozef, ed., et al. *Polymyalgia Rheumatica and Giant Cell Arteritis*. Cham: Springer, 2017. 222 pp. ISBN 978-3-319-52221-0.
- SHACKELFORD, Todd K. and Viviana A. WEEKES-SHACKELFORD, eds. *Encyclopedia of Evolutionary Psychological Science*. New York: Springer, 2017. 7100 pp. ISBN 978-3-319-16999-6.
- SKORKOVSKÁ, Karolína, ed. *Homonymous Visual Field Defects*. Cham: Springer, 2017. 180 pp. ISBN 978-3-319-52282-1.

Tobiáš

- Čada, Zdeněk, et al. *Závratě* [Dizziness]. Havlíčkův Brod: Tobiáš, 2017. 516 pp. ISBN 978-80-7311-165-6.

Triton

- Kvapil, Milan, ed. *Diabetologie 2017* [Diabetology 2017]. Praha: Triton, 2017. 330 pp. ISBN 978-80-7553-262-6.
- Widimský, Jiří, et al. *Arteriální hypertenze – současné klinické trendy XV* [Arterial hypertension – recent clinical trends, vol. XV]. Praha: Triton, 2017. 157 pp. ISBN 978-80-7553-299-2.



International Relations of the First Faculty of Medicine are an important part in the life of the Faculty and are based on its principles of openness and promotion of prestige. The teacher and student exchange within their studies and particularly international co-operation in the sphere of science enrich the life of the Faculty and bring new stimuli and impulses. International co-operation in 2017 was at a high level in terms of both quantity and quality. The Faculty, above all, focused on promotion of quality of international relations and deepening the contractual connections made before. Really high is the dynamics in international contacts of particular institutes and departments and their representatives. Our partners abroad include a great number of universities and scientific institutions not only in Europe but also in the USA, Australia, Mexico and Latin America.

INTERNATIONAL STUDENT EXCHANGE AND STAYS ABROAD

Among the medical schools of Charles University, the First Faculty of Medicine offers the students with the widest choice of stays and placements abroad, and it is the Erasmus programme that continues to play the key role within the system of student mobility.

The Erasmus+ programme (2014–2020) merged the previous programmes such as Comenius, Erasmus, Erasmus Mundus, Leonardo da Vinci and Grundvig. This programme is divided into three key activities: Educational mobility (KA 1), Strategic partnerships (KA 2), Support for reforms of educational policy (KA 3). Newly, partnerships between providers of education and businesses have occurred. The minimum duration of educational stays is three months, for practical training stays two months, and students are allowed to take repeated stays.

Exchange with Swiss universities is performed under the Swiss-European Mobility Programme, which replaced the Erasmus programme in 2014. In 2017, our Faculty sent two students to Switzerland and hosted the same number.

In the calendar year 2017, 119 our students travelled abroad under the ERASMUS programme. The Faculty enjoys keen interest of international students, as 101 of them arrived. The programme also enables mobility of academic staff. One teacher travelled abroad for a teaching placement, and five staff members for training courses at our partner institutions.

In co-operation with the Austrian Lions Club Wien, directed by Prof. Herbert Ehringer, six students of the First Faculty of Medicine travelled to Austrian hospitals to take a summer placement; this co-operation has existed since 2004 and the Austrian party has still been sponsoring the accommodation costs for some selected students. Another student of the First Faculty of Medicine took their one-month summer placement at the Klinikum Wels Grieskirchen under the Lions Club programme, whose accommodation costs were covered by the sponsor as well.

Four foreign students took individual study placements at the First Faculty of Medicine as “free movers”, while 16 students of the Faculty travelled abroad the same way, part of their travel costs being covered from the Mobility Fund. So far, this form of student exchange has been encountering the law problem of recognition of the student status beyond European exchange programmes. Therefore, the Faculty prepared a draft contract to enable these students to take stays for the sphere of theoretical training, and at a time to provide them – at least to some extent – legal as well as insurance protection.

A considerable activity enhancing the development of international contacts and stays of our students are the placements organized by IFMSA, the international non-government organization. For one-month placements at the units of the Faculty,

50 students were admitted, while 61 students travelled abroad. They travelled not only to European countries but also overseas.

Further, a new programme for international post-doc scientists has been developed, and there has been an international support for “double” post-doc programmes. Applications for these posts are continuously evaluated, and the First Faculty of Medicine of Charles University offers several core fields that provide this chance.

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

Numbers of students who participated in the exchange stays in 2017

Programme	Outgoing students	Incoming students
Erasmus	120	104
European Swiss Mobility	2	–
IFMSA	69	65
Lions Club	2	–
Free movers	16	1
International Visegrád Fund	–	–
CEEPUS	–	1
Inter-university agreements	–	1
Faculty agreements	–	–

ERASMUS programme at the First Faculty of Medicine, Charles University

Academic year	Number of contracts	Outgoing	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	76	121	69
2008–2009	81	116	93
2009–2010	85	129	89
2010–2011	85	125	90
2011–2012	85	114	89
2012–2013	91	100	95
2013–2014	85	122	112
2014–2015	86	127	109
2015–2016	89	122	104
2016–2017	90	120	103

Institutions abroad, contractual co-operation with whom started in 2017

Title of institution	country	cooperating workplaces
Universidad de Oviedo	Spain	Erasmus – programme General medicine
Universitat de Barcelona	Spain	Erasmus – programme General medicine



The Communication Department is part of the Dean's working team for PR, which also includes members of the Dean's Office Board and Academic Senate of the First Faculty of Medicine, IT Department and students, undergraduates as well as postgraduates.

The main goal of the Communication Department is promotion of the educational, scientific and research activities of the Faculty as well as communication with its staff and students. In 2017, the Department maintained the activities addressing the media and public as well as widened the scope of its activities oriented towards potential prospective students, present students, staff and partners for fundraising.

MEDIA AND PR

For a long time, we have been making the media aware of the First Faculty of Medicine as inseparable part of clinical institutions among, and we have managed to start closer co-operation with the Czech Television and Czech Radio too. In co-operation with our partner institutions and PR departments of our teaching hospitals, we organized press conferences and issued a fair number of press releases to present the scientific and research activities of our staff and students, attitudes towards some issues of national importance, etc. The communication project MEDialogy, promoting communication between the Faculty and the media, continued successfully. In co-operation with the General University Hospital, another four numbers of the new journal Křižovatka [Crossroads] were issued. Together with students, the Department again organized presentation of the Faculty at several festivals that promote education and popularize science.

SELECTIVE LIST OF PRESS CONFERENCES ON THE FOLLOWING:

- New in research into tobacco and nicotine dependence in the Czech Republic (10 Jan 2017)
- Will a reform in psychiatry help in treatment of food intake disturbances? (7 June 2017)
- New MPI index on sensible treatment of the elderly (18 July 2017)
- Substitution therapy in the Czech Republic (4 Oct 2017)
- Number One in medical simulations (29 Nov 2017)
- Addictive substances and safety at schools (4 Dec 2017)
- Medical genetics – view into future and Christmas meeting with journalists (6 Dec 2017)
- Stop to sexual violence (8 Dec 2017)

SELECTIVE LIST OF PRESS RELEASES:

- First Faculty of Medicine to open the doors to public on the first Saturday in January (2 Jan 2017)
- Dentists-to-be to show how to manage white and coloured teeth (6 Apr 2017)
- Modern rehabilitation takes course on community care (13 Apr 2017)
- CAPI celebrates the first birthday with success in science (11 May 2017)
- Unexpected coincidence: Non-smoking premises start on the World No Tobacco Day (29 May 2017)
- Prague Museum Night to open the doors of the Institute of Anatomy and Dentistry Museum at the First Faculty of Medicine, adding a lecture in anatomy this time (31 May 2017)

- Award for best scientific paper in medicine for student of First Faculty of Medicine (16 June 2017)
- Rock and Medicine for People (26 June 2017)
- Anatomy reveals true face of history (25 July 2017)
- Moving of tumours (1 Aug 2017)
- Too few anatomists, or End of medicine in Czechia (4 Sep 2017)
- Care of migrants' health protects health of all population (11 Sep 2017)
- Third-Age University – knowledge plus feeling of better health (9 Oct 2017)
- Exhibition about health of modern civilization, or When affluence kills (6 Nov 2017)
- Scientists of First Faculty of Medicine and Academy of Sciences create a tumour cell guerrilla (1 Dec 2017)
- First Czech neuroprosthesis celebrates 30th birthday (13 Dec 2017)

CO-OPERATION WITH THE MEDIA

Besides press conferences, the Department mediated dozens of interviews and statements with our experts for TV, radio, internet and printed media.



MEDIALOGY PROJECT

The Department organized another two events of the communication project called MEDialogy (with the subtitle “Dialogues about medicine – not only with the media”) with prominent specialists from the Faculty and elsewhere, intended for the academic community, public and the media. The topics discussed were *Men’s health in Czechia and Children’s palliative medicine* in Czechia.

Men’s health in Czechia (1 Mar 2017) – Do men take better care of their health than women, or do they neglect it? How much do they harm it by excessive alcohol consumption and smoking? The experts speaking about the most common male diseases and the scope of prevention, own experience of tumour disease and other topics were the Head of the Department of Addictology of Charles University – the First Faculty of Medicine and the General University Hospital in Prague, Prof. PhDr. Michal Miovský; Ph.D., the director of PROSTAK – association of patients with prostate disease, Prof. MUDr. RNDr. Vilím Šimánek, DrSc.; the badminton champion of the Czech Republic, founder of Petr Koukal Foundation and the project *Inspection Station for males* Petr Koukal; and the biochemist, translator and writer, RNDr. Josef Hausmann, CSc.

Palliative medicine in Czechia (24 Oct 2017) – Availability of children’s palliative medicine, its load on parents and care providers, their numbers, comparison of Czech children’s palliative medicine with other European countries, training in palliative medicine at the Faculty and many other topics were discussed by the Dean of the First Faculty of Medicine of Charles University Prof. MUDr. Aleksi Šedo, DrSc., associate professor at the Department of Oncology, First Faculty of Medicine, Charles University and General University Hospital in Prague and consultant at the Cesta Domů hospice MUDr. Irena Závadová, consultant of the children’s department of the hospital in Hořovice and leader of the working team for children’s palliative medicine of the Czech Association of Palliative Medicine of the J. E. Purkinje Czech Medical Society MUDr. Mahulena Mojžíšová, and the director of the Centre of palliative care and scientific secretary of the Czech Association of Palliative Medicine of the J. E. Purkinje Czech Medical Society PhDr. Martin Loučka, PhD.

MONITORING OF THE MEDIA

The Communication Department carried on the established system of monitoring the media outputs about the Faculty and providing the information to our staff – with daily news accessible on the internet, and weekly surveys distributed through newsletter to the selected e-mail addresses. In 2017 the agency Newton Media, which ensures the daily monitoring

of the media for the Faculty, recorded 2,573 media outputs, and the First Faculty of Medicine received the most citations of all faculties of Charles University.

THE JOURNAL KŘIŽOVATKA

Together with the General Teaching Hospital, the Department issued four numbers of the new quarterly *Křižovatka* [Crossroads], which is mainly intended for patients in the hospital and their families and friends. Its pages provide space to present professional, scientific and research activities of the Faculty's teachers and students, to inform the readers about the history of particular institutions of the Faculty, and to invite for events organized by the Faculty. The circulation of the journal is 2,000 copies. It is also distributed at all organization units of the First Faculty of Medicine, the General University Hospital, Military University Hospital in Prague, Thomayer Hospital, Hospital Na Bulovce, University Hospital Motol and the Faust House.



FUNDRAISING

In order to systematically address potential contacts of the First Faculty of Medicine, the Communication Department compiled a brochure to guide the contacts in fundraising activities, which also defines the offers of gold, silver and bronze partnership. In 2017, we addressed 15 companies of various profiles and got two of them start long-term co-operation.

FESTIVALS

Habitually, our Faculty participated at several festivals – Rock for People in Hradec Králové, the baby punk Kefir festival, and we also joined projects run by the Academy of Sciences, the charity called *Věda nás baví* [Science is fun] and some other. These events were to promote popularization of science, medicine and preventive as well as educative programmes.

Prague Museum Night (10 June 2017) – The Communication Department, in co-operation with some other departments, organized the Faculty's participation in the annual Prague Museum Night. The visitors were offered conducted tours of the Anatomical Museum and Dentistry Museum, as well as a rich bonus programme, which gave the students and staff the chance to learn about first aid, oral hygiene, various chemical experiments etc. It also included an escape game, where the visitors could win VIP commented excursions in the museums during the vacations. In Faust House, at the Academic Club of the First Faculty of Medicine of Charles University, they all got the chance to relax and explore its historic rooms.

Another good habit is the lecture in the Anatomical Museum, this time on the topic Anatomy: a traditional field that still moves out knowledge forwards.

Music festival Rock for People (4th to 6th July 2017, Hradec Králové) – Students taught the visitors the basic first aid, trained them in self-examination of breasts and testes on special manikins, measured blood pressure. Addictologists pinpointed the hazards of alcohol and drug dependence.

Babypunk festival Kefir (2 Sep 2017, castle Kačina) – Students taught the children visitors how to clean their teeth correctly. In the Teddy Bear Hospital (an IFMSA project) they tried to eliminate their fear of medical settings.

Science and Technology Week of the Academy of Sciences of the Czech Republic (8 Nov 2017) – The Department in co-operation with some other Faculty units prepared an interactive exhibition called How modern civilization ruins its own health, or When affluence kills.

APPLICANTS AND POTENTIAL PROSPECTIVE STUDENTS

PUBLICITY MATERIALS

The Communication Department updated the set of printed leaflets in modern design, dealing with particular fields of study, both medical and non-medical.

EVENTS

Open Day (7 Jan 2017) – More than 1,000 visitors saw a number of organization units of the Faculty, met the Faculty's management and gained useful information from the present-time students, who were happy to answer their questions. The Department again launched a campaign on social networks to invite for the Open Day, with secondary school leavers as the main target group, and addressed about 100,000 of them.

Number One for a trial (8 June 2017) – This event was organized by the Communication Department in co-operation with some other Faculty units for those successful applicants for studies in General and Dental Medicine who had been admitted to study at the Faculty without entrance examination thanks to their excellent grades at secondary schools. Apart from the Anatomical Museum, they explored basic laboratory testing at the Institute of Clinical Biochemistry and Laboratory Medicine, evaluation of specimens at the Institute of Histology and Embryology, and examination on manikins at the Institute of General Medicine, or first aid in the Centre of Medical Simulations. Those interested in dentistry were welcome at the Department of Stomatology.

Fairs – The Faculty took part in trade fairs of tertiary and life-long education Gaudeamus in Prague (25 – 26 Jan 2017) and in Brno (31 Oct – 3 Nov 2017). Anyone interested could get information about the scope of the studies from students of the Faculty as well as from lectures by our professors. In 2017, the programme again included practical exhibition of tuition and lectures with videos of study programmes within the Erasmus scheme.



INTERNAL COMMUNICATION

FIRST FACULTY OF MEDICINE ALUMNI CLUB

So far, approximately 800 members joined the Alumni Club of the First Faculty of Medicine of Charles University, 60 of them being abroad, from all over the world.

On 22nd April 2017, the Golden Graduation ceremony for those alumni who graduated 50 years ago took place at Karolinum. For the first time, the First Faculty of Medicine joined this solemn event with 40 of its "golden graduates" and their families.

At the premises of the Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and General University Hospital in Prague, another reunion of alumni of the First Faculty of Medicine was held on 13th October 2017. This event also included a visit to Antonín Dvořák Museum and a commented tour of the "St. Apollinarius maternity hospital".

The Communication Department sends out regular newsletter to the club members to inform them about interesting and important events at the Faculty. In 2016 we sent 11 newsletters.

BONUSES

The Communication Department extended its two programmes with bonuses for students, staff and alumni of the Faculty.

MEDIKARTA – The objective of the project is to grant bonuses for the students, staff and teachers in some businesses in

the area and beyond. The still most popular bonuses include discounts on package holidays with the ČEDOK travel agency, visits to cultural institutions (such as the theatre Na Fidlovačce), and meals and drinks in the CrossCafe. Some businesses from abroad (such as the Borovica Wellness Hotel, AquaPark Tatrallandia etc.) got involved in the project too.

ALUMNI CARD – This card is a similar project for alumni of the First Faculty of Medicine. After the registration, they receive the card, which provides discounts e.g. in Britannika language courses, spa stays at Léčebné lázně in Mariánské Lázně etc.

PRINTED MATERIALS

As every year, the Communication Department commissioned printed materials for the staff and students – the Annual Report about activities and economy of the Faculty, the List of Lectures (commonly known as Sweet Caroline), and the proceedings of the Student Scientific Conference, which occurred in a new graphic design.

Updated were the printed manuals *Freshman's Guide and Erasmus Guide* in English, available in the electronic form at the Faculty website as well. Our Department also prepared information brochures about the Faculty both in Czech and in English and had them printed

PROMOTIONAL MERCHANDISE

Thanks to the great interest from the buyers, the Communication Department again commissioned the popular items of promotional merchandise with the logo and motifs of the Faculty – lab gowns, men's and ladies' sweatshirts and softshell jackets, flash discs and some other small items. A novelty is notebooks of recycled paper and umbrellas, which come in three colours. The e-shop at the web pages www.alumni1lf.cz, which allows to buy the merchandise with the options of mailing or collecting at the cash office of the Faculty in the building of the Dean Office, has proved to be a good idea. Another sale site is again the office of Union of Czech Medical Students.

BULLETIN JEDNIČKA

Another five issues of the electronic bulletin Jednička [Number One] occurred, which had proved to be a good means of communication between students and teachers and the management of the Faculty, and keeps extending in volume. A new feature of the bulletin are own presentation of students' organizations.

PRESENTATIONS OF NEW BOOKS

The Communication Department also took part in organization of presentations of publications by specialists from the Faculty, which were held in Faust House or at the New Town Hall. The book presented at such events included the following:

O. Švestková, Y. Angerová, R. Druga, J. Pfeier, J. Votava, *Rehabilitace motoriky člověka: Fyziologie a léčebné postupy* [Rehabilitation of human motor ability: physiology and therapeutic procedures]. (19 Oct 2017)

M. Retková, *Křeslo pro Fausta* [Chair for Faust] (20 Dec 2017)

EVENTS

The charity calendar was initiated by student associations at the First Faculty of Medicine of Charles University. The aim was to show that students are not just studying all the time but also communicate with general public as volunteers in their leisure time. From the yield of the sale, the students decided to support the organization Cesta domů, in particular children's palliative care.



129th Medics' Prom Ball (6 Jan 2017, palác Žofín – Žofín Palace) – Besides the bands traditionally included in the programme, this time student groups played as well.

Concert from the series Faculty in the Heart of Karlov (4 May 2017, in the church of the Holy Virgin and St. Charles the Great at Karlov) – The oratorio Elijah by Felix Mendelsohn Bartholdy sounded, performed by Piccolo Coro & Piccola orchestra and conducted by Marek Valášek.

Children's Fun Fair (1 June 2017, the garden of the Departments of Psychiatry and Neurology of the First Faculty of Medicine, Charles University and General University Hospital in Prague) – Our Department organized the afternoon amusements for the staff members' children and children patients in co-operation with the General Teaching Hospital, students, district authorities and district police, the bikers' club Black Dogs. This time the children got present from the sponsors too – Portál, Kubík, Levné knihy and Triton.

Concert from the series Faculty in the Heart of Karlov (1 Oct 2017 in St. Apollinarius church) – The Requiem by Wolfgang Amadeus Mozart was performed by Piccolo Coro & Piccola orchestra.

Number One Starting (13 Oct 2017, premises of the First Faculty of Medicine of Charles University and the General University Hospital in Prague) – On the occasion of the beginning of the academic year 2017-2018, the amusement event Number One Starting was organized again, this time in the yard of the Department of Gynaecology and Obstetrics. Students enjoyed the bands in concert, barbecue, escape game and meeting their colleagues for student associations. For the staff members and alumni, commented tours of the "St. Apollinarius maternity hospital" and Antonín Dvořák Museum were performed. The event was concluded by the ceremony of presentation of a new charity calendar.

ACADEMIC CLUB

Students began to use the venue more than before – not only for organized events but also as a place for relaxation, studying, lectures and film evenings.

Apart from traditional regular events such as concerts of The First Faculty of Medicine Dixieland band, the Chair for Faust, or the Jonáš theatre club, some new events occurred on the programme, mainly organized by students, e.g. the meeting ERGOcafé, discussion of students of addictology with specialists, etc.

Chair for Faust – The traditional series of live interviews with prominent personalities from both medical profession and beyond took place on the last Thursday of each month. The interviewed guests were: Jan Sokol, Petr Broulík, Jan Vodňanský, Petr Cetkovský, Jiří Tichota, Ivan Landor, Eva Soubustová, Ondřej Naňka and Jiří Dvořák. At the end of the year, Chair for Faust 2017, the 16th book of the series, was published, compiled with the guests by their interviewer Ms Marie Retková.

"FAIR FOOD CLUB" CAFETERIA

Considering the survey in students, our Department initiated the change of the tender of the Faculty cafeteria, housed in the yard of the Institute of Scientific Information, First Faculty of Medicine, Charles University and General University Hospital in Prague. The new one is the Fair Food Club, which offers home-cooked meals, also suitable for people with gluten intolerance or other food allergies. Also the opening hours were extended till late afternoon.

OTHER

Our co-operation with students and student organizations at the Faculty and University continued. These are the Union of Czech Medical Students; Association of Dental Students of the Czech Republic; Czech Student Union, MEDSOC (association of international students of the First Faculty of Medicine); International Federation of Medical Students Associations (IFMSA CZ), Occupational therapists for all, Czech Association of Addictology Students, and Loono. The Department introduced regular meetings of the Faculty management with representatives of all the student associations at the Academic Club of the First Faculty of Medicine in Faust House. A new Facebook group was created for Associations at the First Faculty of Medicine of Charles University, which is to share and co-ordinate the activities and events at the Faculty. These associations were really helpful in organizing many events, such as the Children's Fun Fair, festivals, Number One for a trial, and Number One Starting.

WEB PAGES AND SOCIAL NETWORKS

The Communication Department, in co-operation with the Computer Technology Department, started to prepare an upgrade of the Faculty's website www.lf1.cuni.cz, above all, of its structure and its graphic outlay, in collaboration with a professional UX designer. The final version of the new web pages was launched in December 2017. Work at the English version of the web pages and testing of the Czech mobile phone version are in progress.

In 2017, as many as 691,000 users viewed the website – 63 per cent from the Czech Republic, 5 per cent from English-speaking countries, 9 per cent from India and 23 per cent from other countries. Most often the website is visited by users between 25 and 34 years of age (33.5 per cent), 18 and 24 years (27.5 per cent) and 35 and 44 years (15.5 per cent).

The Faculty also presented itself on its Facebook profile, whose fan community grew up to 5,000 in 2017. The page traffic increased dramatically, up to 5,000 users. The target group consisted of 72 per cent females, and the most prominent age group was between 18 and 24 years (65 per cent active users). Similarly, the fan community and page traffic grew for the Facebook profile Fausták (of the Academic Club). The Facebook was used in promotion campaigns for the Open Day, Medics' Prom Ball, Prague Museum Night etc.

In April 2017, the official Instagram page of the Faculty was launched. A couple of months later, it already had 500 fans from the Czech Republic and abroad. Instagram mainly presents the student and academic life of the First Faculty of Medicine of Charles University.

Data bases of photos of the Faculty were fleshed out regularly on the Flickr and Faculty YouTube channel.

PROFESSIONAL AND SCIENTIFIC JOURNALS

In 2017, the Faculty was the editor of three scientific journals: *Folia Biologica*, *Prague Medical Report*, and irregularly *Acta Universitatis Carolinae Medica*.

The "impacted" *Folia Biologica* (IF 0. 939) is an international journal focused on cell and molecular biology. In 2017, a 500-Euro fee for publication of an accepted article was introduced.

The annual award of the journal was won by the article: RNDr. Jana Rychlíková, Ph.D., RNDr. Lucie Vávrová, Ph.D., MUDr. Miroslav Kocík, Ph.D., Prof. MUDr. Aleš Žák, DrSc. *Human Catalase, Its Polymorphisms, Regulation and Changes of Its Activity in Different Diseases*, FB 4/2014, pp. 153-167.

The "non-impacted" *Prague Medical Report* is oriented more clinically. The annual award of the journal was won by the article: Karel Medek, Jiří Zeman, Tomáš Honzík, Hana Hansíková, Štěpánka Švecová, Kamila Beránková, Vendula Kučerová Vidrová, Miloslav Kuklík, Jiří Chomiak, Markéta Tesařová: *Hereditary Multiple Exostoses: Clinical, Molecular and Radiologic Survey in 9 Families*. In PMR vol. 118 (2-3/2017), pp. 87-94.

This periodical experienced a growing interest of authors too, and this allowed the editors to reject more than a half of the offered articles. The annual award of the journal for young authors was won by the article:

Acta Universitatis Carolinae Medica did not appear in 2017.

Communication Department of the First Faculty of Medicine of Charles University

AUDITOR'S REPORT



ZH Bohemia spol. s r. o., Na Rybníčku 387/6, 460 01 Liberec

Audit company, Certificate number 091

Company is registered by the Trade Register of Regional Court in Ústí nad Labem, section C, Number 4372 from 9.2.1993

INDEPENDENT AUDITOR'S REPORT

of

CHARLES UNIVERSITY – FIRST FACULTY OF MEDICINE,

registered address: Ovocný trh 3/5, Prague 1, postcode 116 36

Opinion

We have audited the accompanying financial statements of CHARLES UNIVERSITY – FIRST FACULTY OF MEDICINE (hereinafter also the “FIRST FACULTY OF MEDICINE”) prepared in accordance with accounting principles generally accepted in the Czech Republic, which comprise the UK Intercompany balance sheet as of 31 December 2017, and the UK Intercompany income statement for the year then ended.

In our opinion, the financial statements give a true and fair view of the financial position of CHARLES UNIVERSITY – FIRST FACULTY OF MEDICINE as at 31 December 2017 in accordance with accounting principles generally accepted in the Czech Republic.

Basis for Opinion

We conducted our audit in accordance with the Act on Auditors and Auditing Standards of the Chamber of Auditors of the Czech Republic, which are International Standards on Auditing (ISAs), as amended by the related application clauses. Our responsibilities under this law and regulation are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the FIRST FACULTY OF MEDICINE in accordance with the Act on Auditors and the Code of Ethics adopted by the Chamber of Auditors of the Czech Republic and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information in the Annual Report

In compliance with Section 2(b) of the Act on Auditors, the other information comprises the information included in the Annual Report other than the financial statements and auditor's report thereon. The Statutory Body of the FIRST FACULTY OF MEDICINE is responsible for the other information.

Our opinion on the financial statements does not cover the other information. In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. In addition, we assess whether the other information has been prepared, in all material respects, in accordance with applicable law or regulation, in particular, whether the other information complies with law or regulation in terms of formal requirements and procedure for preparing the other information in the context of materiality, i.e. whether any

ZH Bohemia spol. s r. o., Na Rybníčku 387/6, 460 01 Liberec

Audit company, Certificate number 091

Company is registered by the Trade Register of Regional Court in Ústí nad Labem, section C, Number 4372 from 9.2.1993

non-compliance with these requirements could influence judgments made on the basis of the other information.

Based on the procedures performed, to the extent we are able to assess it, we report that:

- The other information describing the facts that are also presented in the financial statements is, in all material respects, consistent with the financial statements; and
- The other information is prepared in compliance with applicable law or regulation.

In addition, our responsibility is to report, based on the knowledge and understanding of the FIRST FACULTY OF MEDICINE obtained in the audit, on whether the other information contains any material misstatement of fact. Based on the procedures we have performed on the other information obtained, we have not identified any material misstatement of fact.

Responsibilities of the FIRST FACULTY OF MEDICINE's Statutory Body for the Financial Statements

The Statutory Body is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the Czech Republic and for such internal control as the Executive Director determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the Executive Director is responsible for assessing the FIRST FACULTY OF MEDICINE's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Executive Director either intends to liquidate the FIRST FACULTY OF MEDICINE or to cease operations, or has no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the above mentioned laws and regulations will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with the above law or regulation, we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.

ZH Bohemia spol. s r. o., Na Rybníčku 387/6, 460 01 Liberec

Audit company, Certificate number 091

Company is registered by the Trade Register of Regional Court in Ústí nad Labem, section C, Number 4372 from 9.2.1993

The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

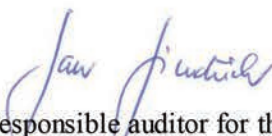
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the FIRST FACULTY OF MEDICINE's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates.
- Conclude on the appropriateness of the Statutory Body use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the FIRST FACULTY OF MEDICINE's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to this uncertainty and to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the FIRST FACULTY OF MEDICINE to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the Statutory Body regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

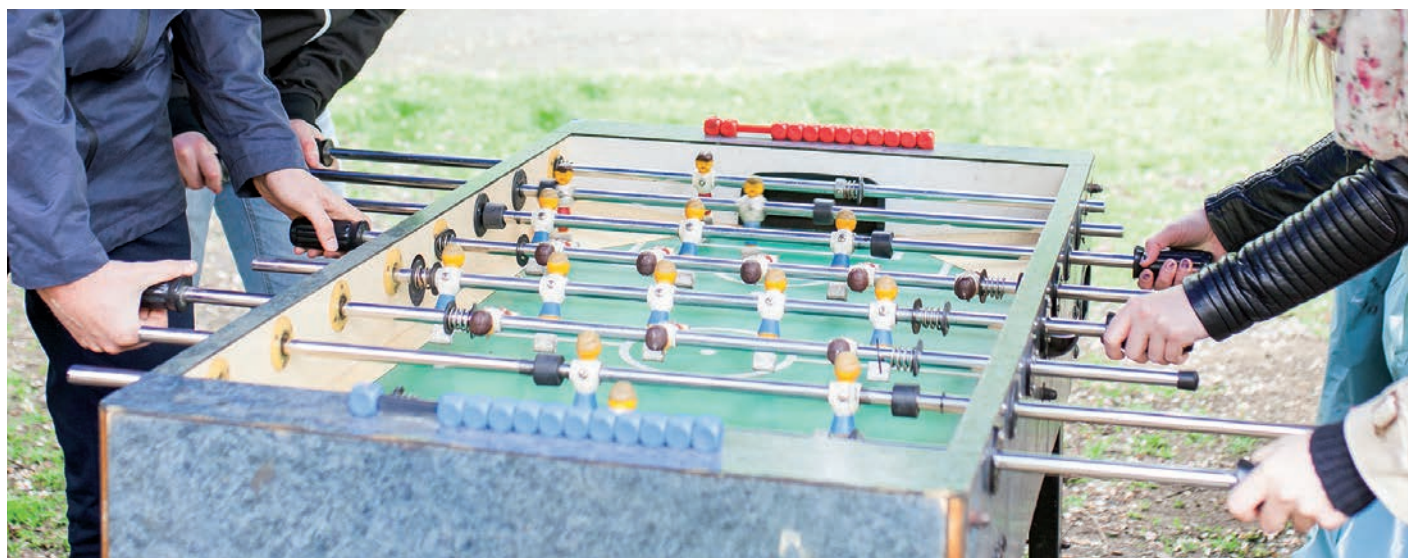
Prague, 11. 05. 2018



ZH B O H E M I A, spol. s r. o.
Na Rybníčku 387/6
Liberec
Licence number of the audit firm 091


Responsible auditor for the audit
Jan Jindřich
Statutory auditor
Licence number of the auditor 1133

- 105 Students' activities
- 105 Union of Czech Medical Students
- 108 Activity of the local branch of IFMSA CZ at the First Faculty of Medicine
- 110 MEDSOC
- 112 Awards granted in 2017
- 114 List of organizational units of the Faculty by 31st December 2017



UNION OF CZECH MEDICAL STUDENTS

2017 was a year of big changes. Several prominent members of the Union, including former chairpersons Petra Kňážeková and Josef Urbanec, completed their studies. On the other hand, a lot of new members entered the Union, which gave us momentum and enriched the organization in terms of new ideas. I would say the greatest change was improvement of communication and co-operation with other associations at the Faculty. Thanks to the regular meetings with them, organized under the auspices of the Dean's Office, the project of the charity calendar was materialized last year. We appreciate the chance of being a real part of the Faculty and taking care of students' leisure activities. This work would not be possible without the support from the Dean's Office, so I would like to express my gratitude to the management of the Faculty and anyone who contributes to the smooth operation of the union.

By 31st December 2017, we recorded an increase in the number of new Union members compared to the year before. This considerable increase is, above all, thanks to the excellent work of those members who represented the Union at the freshmen's get-together summer camp at Dobronice, promotion at social webs, the Open Day and other Faculty events.

THE UNION'S PREMISES IN FAUST HOUSE

Last year we got a multifunction printer as a present and placed it in the relaxation room. The computer terminal room saw some minor changes, as some furniture was replaced, above all the old worn and torn armchairs. As usual we extended the library collection, mainly thanks to donations by publishing houses but also by purchase from the subsidy we had got from the Faculty.

SALE OF THE FACULTY PROMOTIONAL MERCHANDISE

The Union of Czech Medical Students still sells promotional merchandise of the Faculty. Surprisingly high was the demand for lab gowns with the logo of the Faculty, which were completely sold out soon. A new item offered was canvas sports bags. We are really happy about these items, which then publicize our Faculty wherever they are carried or worn.

UNION OF CZECH MEDICAL STUDENTS AND NEW MEDIA

The Union of Czech Medical Students continues running its own web page – www.spolekmedikuceskych.cz. To promote the Faculty's, University's and own events, we mainly use our Facebook page that we run under the title Spolek mediků českých – SMČ. At this profile we have more than 3,200 users who follow us, and their number keeps growing, and it is the work on social webs that is able to address most students of the Faculty. Now we are active at the Union's Instagram too – you can find us under the hashtag #spolekmedikceskych. We also participate at operation of the pages of the group of the First Faculty of Medicine, which already has more than 4,607 fans so far.

OUR ERASMUS STUDENTS' OFFICE (ESO)

For the incoming Erasmus students, we have been organizing the "Buddy Programme" for many years. The international

students can contact students studying in Czech language, who are helpful for them mainly at the beginning of the stay in the Czech Republic, both in orientation to the Faculty as well as in dealing with some official matters and other things necessary for life in Prague. This year, more than 50 students from all over Europe arrived in Prague.

We continue the co-operation with the Charles University International Club, which organizes a similar programme within the whole Charles University. In the past year again, as usual, we assisted Prof. Pokorný in technical support for evaluation of results of the competition for the Erasmus+ programme as well as in allotting the particular placements, which took place in the lecture hall of the Institute of Physiology.

CO-OPERATION BEYOND THE FACULTY

Faculty of Natural Science and Faculty of Law of Charles University – In 2017 we started to actively co-operate with student associations of the Faculty of Natural Science and with the law students' association Všeřd to create new projects in interfaculty collaboration.

Second Faculty of Medicine, Third Faculty of Medicine of Charles University – We deepened the long-standing co-operation with the Union associations at the other two medical schools in Prague, mainly in management of administrative issues, mutual attendance of each other's prom balls and organization of joint events as well.

Associations at the First Faculty of Medicine – Thanks to the efforts of the Dean's Office to engage all the student associations at the Faculty for a good cause, a charity calendar was created and sold, and the entire yield was donated to children palliative care, provided in the home hospice Cesta domů.

Co-operation with the Union of Dental Students of the Czech Republic and – We still provide students of dentistry with rooms for lectures, workshops and training in dental hygiene, and helped the student organization IFMSA find vacant rooms for their new premises but we still keep in contact, mutually provide assistance with publicity, and lend rooms for their meetings. It is still IFMSA that we co-operate most actively with of all the associations.

MEDSOC – We managed to improve the co-operation with representatives of the English parallel class, above all through passing on our experience of administration needed to run the organization.

Organizations beyond the Faculty – At our web pages, at all times we are trying to advertise events that may be helpful for students in their further studies and – in long-time prospect – in their future profession.



Co-operation with the Faculty – Within our co-operation with the Faculty, we can rely on excellent relations with the Academic Club and the Communication Department, who did and do an excellent job in organizing the Faculty events. We also highly appreciate the Dean's keen interest in activities of our Union and his active visits at the meetings with active members of our Union

Psychobrání – Collaboration with the organization Psychobrání began in preparation of the lecture on the topic *Social phobias*, which then was presented at the Institute of Anatomy on 28th February 2018..

PROJECTS OF THE UNION OF CZECH MEDICAL STUDENTS

Open Day – In 2017, as every year, we took part in the Open Day at the units of the Faculty that were open to visitors, in joint presentation together with other student associations demonstrated our activities and in the subsequent discussion also answered the visitor's question about the studies at the Faculty.

Medics' Prom Ball – As every year, the Union of Czech Medical Students assists in organization of the Medic Prom Ball of the

First Faculty of Medicine. In 2017, it was the 129th year of the ball, and we again organized a simple online system of reservation of the tickets, which enables easy booking of the tickets via the internet from the students' homes.

Magic Rave-up – In 2017 again there were 2 parties to help students meet their colleagues out of the Faculty buildings, in a relaxed atmosphere, where rather than studying they can dance or perhaps win some interesting prizes in a raffle..

6plus1 Medic Party – An event where prospective alumni of the Faculty meet the freshmen, took place in the P. M. Club in Trojická Street on St. Nicholas Eve, 6th December 2017. As in the years before, the party was a success, and the number of students coming was unprecedented this year.

Picnic on 9th May 2017 – In spite of the bad weather, which is a faithful companion of this event every year, we are always keen to welcome the plenty of students, who can also enjoy some delicious foods prepared or donated by the Faculty staff, such as goulash or leg of pork.

Number One Starting – This event took place at the premises of the Department of Obstetrics and Gynaecology on 13th October 2017. Students enjoyed a rich programme with live music, refreshments, presentations of student associations and sports activities. The event also included the presentation of a new charity calendar, initiated by student associations of the Faculty.

Albertov 2017 – In 2017 we took an active part in celebration of 17th November in the big commemorative meeting at Albertov in Prague. In the ceremony we laid flowers at the memorial of the 1989 events, and for the passers-by that visited our educative stand we prepared a human manikin torso to explain what can be found inside the human body. Also, we carried on selling the charity calendar and handed out a variety of brochures about the Union and the Faculty.

2017 St. Nicholas Eve – Just as the last year, we again – and it was the 18th time – gave small presents to children who had to spend St. Nicholas Day in hospital. On 5th November 2017, the traditional visit of the Devil, Angel and St. Nicholas came not only to our "home" General University Hospital, but this time the event included the more distant hospitals too – Thomayer Hospital in Krč, the Hospital Na Bulovce, the University Hospital Královské Vinohrady and the Department of Geriatrics, First Faculty of Medicine, Charles University and General University Hospital in Prague at Londýnská Street. The quantity of St. Nicholas presents was far beyond our expectations, thanks to both students and staff of the First Faculty of Medicine, who generously sponsored the event – the students, staff of the Faculty and this time also the generous donations from the Lidl, Kaufland and Billa. This year, thanks to their sponsorship, we were able to pay another visit, to the patients at the wards of the Department of Geriatrics in Londýnská.

2017 Children's Fun Fair – Every year the Union of Czech Medical Students participates in organizing this event in the garden of the Department of Psychiatry, First Faculty of Medicine, Charles University and General University Hospital in Prague, and 2017 was no exception.

2017 Museum Night – On 10th June 2017, within the programme of the 13th Prague Museum Night, the museums at our Faculty were open for public as well. At the Institute of Anatomy, the Union of Czech Medical Students presented a programme for both kid visitors and grown-ups. The children were able to play archaeologists while the adults could enjoy refreshments from our barbecue.

OBJECTIVES OF 2018:

- to continue the close co-operation with students and the Faculty;
- to organize the traditional events and try to create new ones;
- to get as many students as possible actively involved in the Union's activities;
- to deepen the co-operation with other student organizations at our Faculty and organize more events together
- to develop co-operation beyond the Faculty, particularly with student associations at other medical schools but with others too.

Executive of the Union of Czech Medical Students by 31st December 2017:

President of the Executive: Michal Mihalovič

Other members of the Executive: Daniela Vančisinová, Jitka Knapčoková, Renata Bravencová, Ludmila Kroupová, Šimon Dostál, Tomáš Klobasa, Katarína Hrossová, Alexandra Mikryukova, Kateřina Ambrossová

For the Union of Czech Medical Students:

Michal Mihalovič

ACTIVITY OF THE LOCAL BRANCH OF IFMSA CZ AT THE FIRST FACULTY OF MEDICINE

The International Federation of Medical Students' Associations is the world's oldest and largest independent organization of medical students. In the Czech Republic, it has a branch at each medical faculty. At the time, it is active in 127 countries and has 1.3 million active members.

The mission of IFMSA is to deepen international co-operation among medical students with the objective of improving their knowledge and skills through clinical and research exchange stays and organization of projects for students as well as general public.

STUDENTS' PLACEMENTS ABROAD IN THE ACADEMIC YEARS 2016-2017 AND 2017-2018

The survey of outgoing and incoming students:

In 2017 our branch welcomed 43 foreign students for clinical placements and another 6 for scientific placements, and in turn, 20 students of the First Faculty of Medicine were sent out for their placements abroad. The outgoing students come from both the Czech and English parallels.

MAIN EVENTS:

- 27th April – 1st May – PRET & TNT (Professional & Research Exchange Training and Training New Trainers)
- 13th May at the premises of the First Faculty of Medicine – National Pre-departure Training for outgoings from all over the Czech Republic
- 4th– 6th August – we organized the – National Social Programme in Prague for incomings from all over the Czech Republic - 22nd November 2017 – the National language test took place, and the attendance of 223 students from both the Czech and English parallels of our Faculty was the highest of all medical faculties in the Czech Republic.



PROJECTS IN THE ACADEMIC YEARS 2016-2017 AND 2017-2018

SCOPH – Standing Committee for Public Health – local co-ordinator – Eliška Vaňásková

Teddy Bear Hospital – co-ordinator Kristýna Hodanová

With a furry teddy bear, students of the First Faculty of Medicine visit children in kindergartens, trying to help them to get rid of their fear of seeing the doctor. In 2017 we obtained a new teddy, one with removable plush organs.

Statistics: 14 kindergartens (including 4 outside Prague), 81 students, 1,340 children (according to the figures that the managers gave us), 54 classes

Extra programmes: WDD, WHD, Children's Fun Fair at Thomayer Hospital and in the garden of the Department of Psychiatry

For life – co-ordinators Jan Zemánek and Tomáš Moravec

The nature of the *For life* project is training in first aid at higher classes of basic schools, grammar schools and other secondary schools.

We visited 16 schools and gave 44 lessons, the total of 53 new instructors were trained in two sessions in 2017. Students teach first aid in various one-day events too.

A smile for everyone – co-ordinators Marie Hlavačková and Martin Černý

Under this project, students visit various hospital wards, above all to entertain elderly patients by chatting, playing games or just listening.

Individually, 6 volunteers come, and they spent 15 hours. A new feature is group visits.

Smokefree – co-ordinator Anna Herdová

A project aimed at prevention of smoking. Last year there were 6 events – WDD, WHD, Smokefree party, Health Days with STOB and Vodafone, and Week of Science and Technology.

World Health Day – Co-ordinators from the First Faculty of Medicine of Charles University: Adéla Obržálková, Eliška Vaňásková

The main goal of the project is to promote awareness of necessary prevention and care of health in general public through various prophylactic examinations and interactive counselling. The event took a whole day, 6th April 2017, and 80 volunteers from all the medical faculties in Prague participated. They measured blood pressure in about 1,000 people and found elevated blood pressure in 25 persons. For the first time the venue was the shopping centre Harfa.

World Diabetes Day (WDD) – Co-ordinators from the First Faculty of Medicine of Charles University: Eliška Vaňásková, Kateřina Havrdová

The aim of the project is to promote awareness of risk factors, symptoms and prevention of type 2 diabetes mellitus.

Also this event took a whole day, 16th November 2017, and the venue was the shopping centre Harfa too. About 100 volunteers participated, and they addressed about 900 people, of whom 270 persons had glycaemia measured, with border levels in 12 people, and 250 people had the blood pressure measured, including 57 with increased values.

SCORA – Standing Committee for Healthy Reproduction and AIDS prevention – Local co-ordinator Ján Buňa

Last year, under the project **Tram against AIDS**, a theme tram set off on the occasion of the AIDS World Day to give the random passengers information on AIDS as well as on other sexually transmitted diseases. The event took place on 1st December 2017. Within this section, the project **Advanced Sex Education** is implemented to promote education of students at secondary schools that we visit in the area of prevention of transmission of sexually transmitted diseases.

SCORP – Standing Committee for Human Rights and Peace – local co-ordinators Anna Jelínková and Veronika Míková

Due to the absence of the co-ordinator in the summer semester 2016-2017, we only give the events of the winter semester.

- within the World Human Rights Day, the exhibition "Myths vs. facts: Sexual violence" (12th–21st December 2017) was prepared in co-operation with two young authors from Slovakia.
- lecture about sexual violence – When she doesn't want, she doesn't (13th December).
- Go down to someone's life (23rd November 2017) – entry to the register of bone marrow donors, which took place at the premises of the Faculty of Natural Science. The number of the people registered – 275 – broke the record.

SCOME – Standing Committee for Medical Education – co-ordinator Jan Zapletal

Surgical suture – he classes take place every week, each time three basic and one advanced, and nearly always with the full house.

Extra classes in histology – the classes take place every two weeks, and the students' response is really positive.

Medicafé – Meeting of lay public, medical students and all friends of medicine with experts in an informal setting. The topics in 2017: Intervention cardiology, The brain and its human, the thought and its disease, Human factor in emergency situations, Cardiovascular diseases – modern time epidemic, Course (HIV) of positive thinking 2.0.

Handicap café – new project – lectures and meetings of medical students with the impaired and people in close contact with the impaired, with the aim of education of the medics in these issues, providing the chance to ask questions about whatever you may think of. The project is registered in O2 – SmartUp. The first special guest: 7th November – Jiří Ježek.

Life stories: lectures about lives of prominent personalities in medicine and experts in the field.

- the special guest last year: Prof. MUDr. Jan Pirk, DrSc. – 10th April

Lab gown second-hand – co-ordinator Petr Šodek

- in 2017, 103 lab gowns were sold, and the gain was CZK 9,950. The money was sent in monthly payments to the charity Good angel.

On behalf of all the students participating in the IFMSA CZ events, I would also like to thank for the financial support from the Dean of First Faculty of Medicine of Charles University Prof. MUDr. Aleksi Šedo, DrSc. We really appreciate this support and promise to use the resources as efficiently as possible.

In 2017 the Dean allotted us a room in Faust House, which we have furnished and used it to store our belongings and hold the meetings of our members as well as other students of the Faculty. This room facilitates our activity a lot.

For the IFMSA CZ branch at First Faculty of Medicine of Charles University:

Šárka Pavlíčková

Local president

MEDSOC

LF1 MEDSOC is the non-profit student organization for all the students of the English parallel at the First Faculty of Medicine, Charles University. LF1 MEDSOC is run by students, for students.

The LF1 MEDSOC Board consists of five members (President, VP Academic Affairs, VP Activities & Media, VP Student Support and Treasurer). However, there are over 60 students who are actively involved in making LF1 MEDSOC function.

There are three main sectors within LF1 MEDSOC, corresponding to the individual VP (Vice-President) role:

ACADEMIC AFFAIRS

The care of academic affairs is a key part of the work of our association. It is about communication between English-speaking students and the University. Besides that, we also assist the students in improving their study progress through a series of seminars, and we organize a variety of meetings to advise them how to become better candidates at the labour market.

We organize introductory seminars for students in the second, third and fourth year to get them oriented in detail in the academic year and curricula, and we give them some tips concerning the useful literature and passing the exams as good as possible. These seminars take place in October.

We are concerned with English parallel students' prospective careers, and so we organize seminars on topics "How to get a job in the UK", "How to tackle the USMLE", "How to get a job in Germany". The speakers are usually doctors who have recently graduated from our Faculty.

For students that need some assistance about the learning matter we have the Tutoring Club. It is free of charge for our members. In this club, students from upper years have volunteered to actively teach and give advice to younger students about the best way to study certain topics. Every year we also hold at least two workshops within this Club, which are regularly attended by more than 120 people, sometimes students from other faculties as well.

Via Dropbox, we have created an Online Database for all of the 6 years including Dentistry and General Medicine. They contain study material and resources for almost all subjects and notes created by previous students.

Every year, our Academic section team also organizes a second-hand book sale. This benefits both upper year students who want to sell old books and freshers who want to buy cheaper textbooks. Besides that, especially for the new students the sale is a chance to meet the other students and become part of the community.

The most popular events organized by the Academic section are workshops to develop the students' clinical and other skills. Most of these workshops are sponsored by Ethicon and focused on surgical sutures. This year we arranged six suturing workshops, and we extended the programme focused on clinical skills. With assistance of several physicians from the General University Hospital we also organize workshops about case studies.

We mind our students' future as well, so we organize seminars focused on the search of jobs. These are visited by recruitment officers from hospitals and dental clinics, who can arrange interviews here and offer the students jobs. This year it was the first such seminar for students of Dentistry and the third for students of General Medicine.

In each year of studies, we have the year's delegate, who communicates the students' opinion to the respective Registrar for academic affairs. This enables us to provide the Vice-dean in charge of us with solid feedback.

ACTIVITIES AND MEDIA

We believe that in order to bring the student body closer together it is vital for them to participate in activities ranging from team sports to calendar events. For the first year students, we organize an annual Fresher's Week. This week is packed with a variety of activities that help the students meet even before the beginning of the academic year. It includes, for instance, bowling, a visit to the Jump Park with trampolines, an excursion to the zoo, a guided tour of Prague, a river boat, a common dinner in a restaurant, and eventually a big party for all students of English parallel classes of all three medical faculties in Prague.

We also organize competitive sports – we have a basketball and a football team. Our teams have taken part in friendly matches and tournaments against other teams in the Czech Republic.

Part of the activity of the LF1 MEDSOC are many groups and societies, such as the Hiking club, Dance club, Tennis club, Volleyball club, Running group, and many more. These groups and societies are meant for students who share the same interest. This is where they can meet up and participate in activities together.

Students of the English parallel founded their own music band called LF Funk, which takes part at our activities, and the members are very talented. We also organize the Spring Ball for our students, which in the recent years has been at Národní Dům in Vinohrady.

STUDENT SUPPORT

Moving to a new country with a different language can be perplexing and difficult to cope with at first. Therefore, the student support sector is mainly catered towards helping students adapt to both the life in Prague and at the University.

We have created a "Buddy System" which has been in operation for over six years now. Students from upper years apply

and volunteer to become a guide for the newly coming 1st years. We managed to recruit 3-4 "guides" for each group in the first year of studies. The guides meet the students on the enrolment day and also help with the process of enrolment and matriculation. They give standardized information to the students about life in Prague, libraries, study subjects, tests and much more. The guides meet with the students about every week for the first month of studies and then monthly when the students have settled in. The guides are also available to the students for any questions or problems the students may have throughout their first year, and they are ready to come and help.

We also have an affiliation with ForStudents, a company which helps our students who require VISAs in order to study in the Czech Republic. They book appointments, help with translations and with other obstacles the students may encounter during the process. They also assist in providing students with Czech Medical Insurance. The ForStudents staff are available every Wednesday in our office to provide free consultation and advice during the visit.

Mental health is also extremely important to us. At our web pages there is a section where students can find information on English-speaking general practitioners, psychiatrists, dentists, etc.

Our Office is found in Faust House. Students can come here to ask questions and discuss any issues they may have, or they can buy some practical items of our merchandise.

For the first year students, we organize seminars to explain in detail how the University system works. So we provide information about the credit system, choice of subjects, oral exams, weekly tests and study styles. We also organize two seminars concerned with the "big" exams of the first: one deals with passing the examination in anatomy, the other is focused on passing the exam in histology.

TREASURER

All students working for LF1 MEDSOC are volunteers. Our Treasurer records all the finance gained and uses it to support the programmes for the benefit of students, e.g. to purchase equipment for our workshops or clubs. The Treasurer also supervises our charity activities. Last year our charity team obtained three certificates from Czech charities, including the Red Cross.

For our students, we also create merchandise they can buy, such as faculty hoodies and lanyards.

We have a really hard-working and enthusiastic charity team, which every year organizes clothes collection and Christmas presents via the Red Cross. They also appointed one day when we gave out food to the homeless in Prague.

PRESIDENT

The main responsibility of the President is co-ordination of all the said activities. Every year the President meets up with the representatives of the University to discuss the important questions and try to find solutions to complex problems. The President is also in contact with the representatives of the Communication Department and every month writes an article for the journal *Jednička*.

Apart from all the above activities, we actively use social media too. We run pages on Facebook, an account on Instagram, a canal on YouTube as well as our own web pages.

LF1 MEDSOC is an integral part of the First Faculty of Medicine. However, it could not be what it is today without all the volunteers that participate every year. We really appreciate their work and asset. And we also owe thanks to the University, above all for consideration of our needs and for the support of our activities.

Stella Akrivi

LF1 MEDSOC President



Charles University award – Bedřich Hrozný Prize for an important creative act, was won by Assoc. Prof. MUDr. Petr Bartůněk, CSc., 4th Department of Medicine – Department of Gastroenterology and Hepatology, First Faculty of Medicine, Charles University and General University Hospital in Prague; and Assoc. Prof. PhDr. et PhDr. Radek Ptáček, Ph.D., Department of Psychiatry, First Faculty of Medicine, Charles University and General University Hospital in Prague; for the set of six books devoted to such an extraordinarily important topic as ethics in medicine.

In 2017, the **research support Donatio Universitatis Carolinae** was awarded for the first time, won by Prof. MUDr. Pavel Martásek, DrSc., of Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague, and BIOCEV. Prof. Martásek is an expert acknowledged and appreciated in all over the world, and one of the most prominent personalities of present Czech biomedical science. In his scientific career, he has had nearly 9,000 citations of his writings, which makes him the most frequently quoted author at Charles University and one of the ten most frequently quoted contemporary Czech scientists.

In 2017 the Rector of Charles University, at the proposal of the Dean of the First Faculty of Medicine, presented the **silver medal of Charles University** to Prof. MUDr. Alois Martan, DrSc., Prof. MUDr. RNDr. Jiří Beneš, DrSc., Prof. MUDr. Pavel Martásek, DrSc., and Prof. MUDr. Jana Dušková, DrSc., and the **gold medal of Charles University** to Prof. MUDr. Přemysl Strejc, DrSc. Further, the Rector of Charles University presented the **silver medal of Charles University** to Prof. MUDr. Eduard Zvěřina, DrSc., Prof. MUDr. Vladimír Tesař, DrSc., and Assoc. Prof. MUDr. Jan Šváb, CSc.

Prof. MUDr. Jitka Abrahámová, DrSc., of the Department of Oncology of Charles University – the First Faculty of Medicine, and the Thomayer Hospital, was awarded the **silver memorial medal of the Senate** for excellent work in her field and contribution to good reputation of the Czech Republic.

Josef Hlávka memorial medal was awarded to Prof. MUDr. Antonín Pařízek, CSc., of the Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University and General University Hospital in Prague, for long-standing promotion of the legacy of J. Hlávka, the prominent Czech supporter of arts and sciences.

The **Gold Memorial Medal of the J. E. Purkinje Czech Medical Society in 2017** was awarded to Ing. Kyra Michalová, DrSc., Prof. MUDr. Jan Škrha, DrSc., Assoc. Prof. MUDr. Radana Neuwirtová, CSc., and Prof. MUDr. Eduard Zvěřina, DrSc.

The 1st prize in the competition for **Albert Schweitzer Award for medicine in 2017**, called by the French Embassy to the Czech Republic in co-operation with the company Pierre Fabre Médicament s.r.o., was won by MUDr. Hana Kolářová, a student of the doctoral study programme of Biochemistry and Pathobiochemistry, from the Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague.

The **Scientia Foundation** awarded its 2017 **Scientia Prize** for the best students' scientific papers to Mgr. Kateřina Vlčková, a student of the doctoral study programme of Molecular and Cellular Biology, Genetics and Virology from the Institute

of Medical Biochemistry and Laboratory Diagnostics of Charles University – the First Faculty of Medicine, and the General University Hospital, and Mgr. Petra Zemánková, a student of the doctoral study programme of Molecular and Cellular Biology, Genetics and Virology, from the Institute of Biochemistry and Experimental Oncology, First Faculty of Medicine, Charles University.

The prize of the journal *Folia Biologica* was awarded to the article “Human Catalase, Its Polymorphisms, Regulation and Changes of Its Activity in Different Diseases”, published in vol. 4/2014 by the authors RNDr. Jana Rychlíková, Ph.D., née Kodytková, RNDr. Lucie Vávrová, Ph.D., MUDr. Miroslav Kocík, Ph.D., and Prof. MUDr. Aleš Žák, DrSc.

The prize of the journal *Prague Medical Report* for young authors below 35 for the year 2017 went to MUDr. Bc. Karel Medek, a 6th year students of the doctoral study programme of Biochemistry and Pathobiochemistry, from Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine, Charles University and General University Hospital in Prague, for the article “Hereditary Multiple Exostoses: Clinical, Molecular and Radiologic Survey in 9 Families”, published in vol. PMR 2–3/2017.

MEMORIAL DIPLOMAS AWARDED BY THE DEAN OF THE FIRST FACULTY OF MEDICINE

Assoc. Prof. MUDr. Alice Baxová, CSc.

Prof. Ferdinand Christoffel Breedveld, MD, Ph.D.

Prof. MUDr. Michael Halaška, DrSc.

countess Jana Hildprandt-Germanis

Prof. MUDr. Jaromír Hradec, CSc.

Prof. MUDr. Pavel Klener, DrSc.

Prof. Tore Kristian Kvien, MD, Ph.D.

Prof. MUDr. Jaroslav Lindner, CSc.

Prof. MUDr. Jan Marek, Ph.D.

Assoc. Prof. MUDr. Radana Neuwirtová, CSc.

Assoc. Prof. MUDr. Jiří Pašta, CSc.

Prof. MUDr. Evžen Růžička, DrSc.

Assoc. Prof. MUDr. Eva Růžičková, CSc.

Assoc. Prof. MUDr. Martin Vokurka, CSc.

Prof. MUDr. Miroslav Zeman, DrSc.



SCIENTIFIC / EDUCATIONAL INSTITUTIONS OF THE FACULTY

INSTITUTE OF ANATOMY

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

BIOCEV

Průmyslová 595, 252 42 Vestec
Head: Prof. MUDr. Tomáš Stopka, Ph.D.
E-mail: biocevf1.cuni.cz

CAPI (CENTRE FOR ADVANCED PRECLINICAL IMAGING)

Salmovská 3, 120 00 Praha 2, tel.: 224 965 901
Head: RNDr. Luděk Šefc, CSc.
E-mail: sefc@cesnet.cz

INSTITUTE OF PHYSIOLOGY

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

INSTITUTE OF BIOCHEMISTRY AND EXPERIMENTAL ONCOLOGY

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 732, tel. /fax: 224 965 742
Head: Prof. MUDr. Alexi Šedo, DrSc.
E-mail: ubeo2@lf1.cuni.cz

INSTITUTE OF BIOPHYSICS AND INFORMATICS

Salmovská 1, 120 00 Praha 2, tel.: 224 965 842, fax: 224 965 843
Head: Prof. MUDr. RNDr. Jiří Beneš, CSc.
E-mail: ubi@lf1.cuni.cz

INSTITUTE FOR HISTORY OF MEDICINE AND FOREIGN LANGUAGES

U Nemocnice 4, 121 08 Praha 2, tel.: 224 965 621
Karlovo nám. 40, 128 00 Praha 2, tel.: 224 963 449
Head: Assoc. Prof. Mgr. Karel Černý, Ph.D.
E-mail: jazyky@lf1.cuni.cz, dejiny@lf1.cuni.cz

INSTITUTE OF PATHOLOGICAL PHYSIOLOGY

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 901, fax: 224 965 916
Head: Assoc. Prof. MUDr. Martin Vokurka, CSc.
E-mail: patfy@lf1.cuni.cz

INSTITUTE OF HISTOLOGY AND EMBRYOLOGY

Albertov 4, 128 00 Praha 2, tel.: 224 968 125, fax: 224 919 899
 Head: Assoc. Prof. MUDr. Tomáš Kučera, Ph.D.
 E-mail: histol@lf1.cuni.cz

INSTITUTE FOR MEDICAL HUMANITIES

Karlovo nám. 40, 128 00 Praha 2, tel. /fax: 224 963 442, tel.: 224 963 439
 Head: Assoc. Prof. Th.Dr. Václav Ventura, Th.D.
 E-mail: human@lf1.cuni.cz

INSTITUTE OF PUBLIC HEALTH AND MEDICAL LAW

Karlovo nám. 40, 128 00 Praha 2, tel. /fax: 224 963 422, tel.: 224 963 439
 Head: MUDr. Mgr. Jolana Těšinová, PhD.
 E-mail: usm@lf1.cuni.cz

INSTITUTE OF PHYSICAL EDUCATION

Salmovská 5, 120 00 Praha 2, tel.: 224 920 463
 Head: PaedDr. Josef Marcoň
 E-mail: UTV@lf1.cuni.cz

INSTITUTE OF NURSING THEORY AND PRACTICE

Na Bojišti 1771/1, 120 00 Praha 2, tel: 224 964 418
 Head: Mgr. Jana Heczková
 E-mail: osetro@lf1.cuni.cz

INSTITUTE OF GENERAL PRACTICE

Albertov 7, 128 00 Praha 2, tel.: 224 968 508
 Head: Assoc. Prof. MUDr. Bohumil Seifert, Ph.D.
 E-mail: vselek@lf1.cuni.cz

SCIENTIFIC / EDUCATIONAL CLINICAL INSTITUTIONS OF THE FACULTY**Joint Institutions with General University Hospital****DEPARTMENT OF DERMATOLOGY AND VENEREOLOGY**

U Nemocnice 499/2, 128 21, tel.: 224 962 586, fax: 224 962 401
 Apolinářská 4, 121 08, tel.: 224 921 717
 Head: Prof. MUDr. Jiří Štork, CSc.
 E-mail: kozni@lf1.cuni.cz

INSTITUTE OF PHARMACOLOGY

Albertov 4, 128 00 Praha 2, tel./fax: 224 968 104
 Head: Assoc. Prof. MUDr. Ondřej Slanař, Ph.D.
 E-mail: farm@lf1.cuni.cz

DEPARTMENT OF PHONiatrics

Žitná 24, 120 00 Praha 2, tel.: 224 964 931, tel. /fax: 224 964 951
 Head: Assoc. Prof. MUDr. Olga Dlouhá, CSc.
 E-mail: fonia@lf1.cuni.cz

DEPARTMENT OF GERIATRICS

Londýnská 15, 120 00 Praha 2, tel.: 222 514 294
 Head: Prof. MUDr. Eva Topinková, CSc.
 E-mail: geriatrie.sekretariat @lf1.cuni.cz

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Apolinářská 18, 128 51 Praha 2, tel.: 224 912 964, 224 967 425, fax: 224 922 545
 Head: Prof. MUDr. Alois Martan, DrSc.
 E-mail: gynpo@lf1.cuni.cz

1ST DEPARTMENT OF SURGERY – DEPARTMENT OF ABDOMINAL, THORACIC SURGERY AND TRAUMATOLOGY

U Nemocnice 2, 120 00 Praha 2, tel.: 224 962 215
 Head: Prof. MUDr. Zdeněk Krška, DrSc.
 E-mail: chir1@lf1.cuni.cz

2ND DEPARTMENT OF SURGERY – DEPARTMENT OF CARDIOVASCULAR SURGERY

U Nemocnice 2, 128 00 Praha 2, tel.: 224 962 709, fax: 224 922 695
Head: Assoc. Prof. MUDr. Jaroslav Lindner, CSc.
E-mail: chir2@lf1.cuni.cz

1ST DEPARTMENT OF MEDICINE – DEPARTMENT OF HAEMATOLOGY

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 527, fax: 224 963 556
Head: Prof. MUDr. Marek Trněný, CSc.
E-mail: int1@lf1.cuni.cz

2ND DEPARTMENT OF MEDICINE – DEPARTMENT OF CARDIOVASCULAR MEDICINE

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 605, 224 922 692, fax: 224 912 154
Head: Prof. MUDr. Aleš Linhart, DrSc.
E-mail: int2@lf1.cuni.cz

3RD DEPARTMENT OF MEDICINE – DEPARTMENT OF ENDOCRINOLOGY AND METABOLISM

U Nemocnice 1, 128 08 Praha 2, tel.: 224 916 603, 224 962 922, fax: 224 919 780
Head: Prof. MUDr. Štěpán Svačina, DrSc., MBA
E-mail: int3@lf1.cuni.cz

4TH DEPARTMENT OF MEDICINE – DEPARTMENT OF GASTROENTEROLOGY AND HEPATOLOGY

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 506, fax: 224 923 524
Head: Prof. MUDr. Aleš Žák, DrSc.
E-mail: int4@lf1.cuni.cz

DEPARTMENT OF ADDICTOLOGY

Apolinářská 4, 120 00 Praha 2, tel: 224 968 222–5, fax: 224 968 219
Ke Karlovu 11, 120 00 Praha 2, tel./fax: 224 965 035
Head: Prof. PhDr. Michal Miovský, Ph.D.
E-mail: info@adiktologie.cz

DEPARTMENT OF NEPHROLOGY

U Nemocnice 2, 128 08 Praha 2, tel. /fax: 224 962 696
Head: Prof. MUDr. Vladimír Tesař, DrSc., MBA
E-mail: eva.luxova@vfn.cz

DEPARTMENT OF ANAESTHESIOLOGY, RESUSCITATION AND INTENSIVE CARE

U nemocnice 2, 128 08 Praha 2, tel.: 224 962 243, 224 962 311
Přednosta: Assoc. Prof. MUDr. Martin Stříteský, CSc.
E-mail: kar@lf1.cuni.cz

DEPARTMENT OF PAEDIATRICS AND ADOLESCENT MEDICINE

Ke Karlovu 2, 121 09 Praha 2, tel.: 224 967 734, fax: 224 911 453
Head: Assoc. Prof. MUDr. Tomáš Honzík, Ph.D.
E-mail: detske@lf1.cuni.cz

DEPARTMENT OF OCCUPATIONAL MEDICINE

Na Bojišti 1, 128 08 Praha 2, tel.: 224 964 530, fax: 224 914 325
Head: Assoc. Prof. MUDr. Sergej Zacharov, Ph.D.
E-mail: nempov@lf1.cuni.cz

DEPARTMENT OF REHABILITATION MEDICINE

Albertov 7, 128 00 Praha 2, tel.: 224 968 478, fax: 224 917 478
Head: Assoc. Prof. MUDr. Olga Švestková, Ph.D.
E-mail: rehab@lf1.cuni.cz

1ST DEPARTMENT OF TUBERCULOSIS AND RESPIRATORY DISEASES

Karlovo nám. 32, 121 11 Praha 2, tel.: 224 941 500, fax: 224 966 303
Head: Prof. MUDr. Jiří Homolka, DrSc.
E-mail: tubres@lf1.cuni.cz

DEPARTMENT OF NEUROLOGY

Kateřinská 30, 128 21 Praha 2, tel.: 224 965 549–50, fax: 224 922 678
Head: Prof. MUDr. Evžen Růžička, DrSc.
E-mail: neuro@lf1.cuni.cz

DEPARTMENT OF OPHTHALMOLOGY

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 329, 224 963 030, fax: 224 962 631
Head: Assoc. Prof. MUDr. Jarmila Heissigerová, Ph.D.
E-mail: ocni@vfn.cz

DEPARTMENT OF ONCOLOGY

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 219, 224 917 830, fax: 224 921 716
Head: Prof. MUDr. Luboš Petruželka, CSc.
E-mail: onkol@vfn.cz

DEPARTMENT OF PSYCHIATRY

Ke Karlovu 11, 128 08 Praha 2, tel.: 224 965 344-5, fax: 224 923 077
Head: Prof. MUDr. Jiří Raboch, DrSc.
E-mail: psych@lf1.cuni.cz

DEPARTMENT OF RADIOLOGY

U Nemocnice 2, 128 08 Praha 2, tel.: 224 962 233, fax: 224 963 048
Head: Assoc. Prof. MUDr. Andrea Burgetová, Ph.D., MBA
E-mail: radio@vfn.cz

INSTITUTE OF SEXOLOGY

Ke Karlovu 11, 128 08 Praha 2, tel.: 224 968 244, fax: 224 965 245
Head: Assoc. Prof. MUDr. Michal Pohanka, Ph.D.
E-mail: sexuol@lf1.cuni.cz

DEPARTMENT OF STOMATOLOGY

Kateřinská 32, 128 01 Praha 2, tel.: 224 964 583, 224 230 046, fax: 224 916 573
E-mail: stom1@lf1.cuni.cz

DEPARTMENT OF UROLOGY

Ke Karlovu 6, 128 08 Praha 2, tel.: 224 967 847–8, fax: 224 967 102
Head: Prof. MUDr. Tomáš Hanuš, DrSc.
E-mail: urol@lf1.cuni.cz

INSTITUTE OF BIOLOGY AND MEDICAL GENETICS

Albertov 4, 128 00 Praha 2, tel. /fax: 224 968 141, 224 914 957–8, fax: 224 918 666
Head: Assoc. Prof. MUDr. Ondřej Šeda, Ph.D.
E-mail: biol@lf1.cuni.cz

INSTITUTE OF HYGIENE AND EPIDEMIOLOGY

Studničkova 7, 128 00 Praha 2, tel. /fax: 224 919 967
Head: Assoc. Prof. MUDr. Milan Tuček, CSc.
E-mail: hygep@lf1.cuni.cz

INSTITUTE OF MEDICAL BIOCHEMISTRY AND LABORATORY DIAGNOSTICS

Kateřinská 32, 121 08 Praha 2. tel.: 224 964 821, fax: 224 964 280
Karlovo nám. 32, 121 11 Praha 2, tel.: 224 964 281
Head: Prof. MUDr. Tomáš Zima, DrSc., MBA
E-mail: bioch@lf1.cuni.cz

INSTITUTE OF IMMUNOLOGY AND MICROBIOLOGY

Studničkova 7, 128 00 Praha 2, tel.: 224 968 472, fax: 224 968 496
Head: Prof. RNDr. Libuše Kolářová, CSc.
E-mail: imunik@lf1.cuni.cz

INSTITUTE OF NUCLEAR MEDICINE

Salmovská 3, 120 00 Praha 2, tel.: 224 965 813, fax: 224 922 486
Head: Prof. MUDr. Martin Šámal, DrSc.
E-mail: nukle@lf1.cuni.cz

INSTITUTE OF PATHOLOGY

Studničkova 2, 128 00 Praha 2, tel.: 224 968 710, fax: 224 911 715
Head: Assoc. Prof. MUDr. Pavel Dunder, Ph.D.
E-mail: patol@lf1.cuni.cz

INSTITUTE OF FORENSIC MEDICINE AND TOXICOLOGY

Studničkova 4, 128 21 Praha 2, tel.: 224 968 615, fax: 224 918 985
Head: Assoc. Prof. MUDr. Alexander Pilin, CSc.
E-mail: soudni@lf1.cuni.cz, E-mail: toxi@lf1.cuni.cz

INSTITUTE OF SPORTS MEDICINE

Salmovská 5, 120 00 Praha 2, tel.: 224 965 716–7, fax: 224 919 527
Head: Assoc. Prof. MUDr. Zdeněk Vilikus CSc.
E-mail: telek@lf1.cuni.cz

Joint Institutions with University Hospital Motol**3RD DEPARTMENT OF SURGERY**

V Úvalu 84, 150 06 Praha 5, tel.: 224 438 000-1

Head: Prof. MUDr. Robert Lischke, Ph.D.

E-mail: chir3@seznam.cz

DEPARTMENT OF OTORHINOLARYNGOLOGY, HEAD AND NECK SURGERY

V Úvalu 84, 150 00 Praha 5, tel.: 224 434 301, fax: 224 434 319

Head: Prof. MUDr. Jan Plzák, Ph.D.

E-mail: orl@lfmotol.cuni.cz

DEPARTMENT OF ORTHOPAEDICS

V Úvalu 84, 150 06 Praha 5, tel.: 224 433 901

Head: Prof. MUDr. Ivan Landor, CSc.

E-mail: orto@lf1.cuni.cz, E-mail: sosna.orto@email.cz

Joint Institutions with Central Army Hospital – Military University Hospital**DEPARTMENT OF MEDICINE**

U Vojenské nemocnice 1200, Střešovice, 169 02 Praha 6, tel.: 973 203 097, fax: 973 203 073

Head: Prof. MUDr. Miroslav Zavoral, PhD.

E-mail: daniela.kaminova@uvn.cz

DEPARTMENT OF ANAESTHESIOLOGY, RESUSCITATION AND INTENSIVE MEDICINE

U Vojenské nemocnice 1200, 169 02 Praha 6, tel.: 973 202 999

Provisional Head: MUDr. Tomáš Tyll, Ph.D.

E-mail: tomas.tyll@lf1.cuni.cz

DEPARTMENT OF INFECTIOUS DISEASES

U Vojenské nemocnice 1200, 169 02 Praha 6, tel.: 973 203 553

Head: Prof. MUDr. Michal Holub, Ph.D.

E-mail: michal.holub@lf1.cuni.cz

DEPARTMENT OF ORTHOPAEDICS

U Vojenské Nemocnice 1200, 169 02 Praha 6, tel: 973 203 279

Head: Prof. MUDr. Jan Bartoníček, DrSc.

E-mail: bartonicek.jan@seznam.cz

DEPARTMENT OF NEUROSURGERY AND NEUROONCOLOGY

U Vojenské Nemocnice 1200, 160 00 Praha 6, tel.: 973 202 963

Head: Prof. MUDr. Vladimír Beneš, DrSc.

E-mail: nechi@lf1.cuni.cz

DEPARTMENT OF OPHTHALMOLOGY

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6, tel.: 224 314 098

Provisional Head: Assoc. Prof. MUDr. Jiří Pašta, CSc., FEBO

E-mail: ocni@uvn.cz

Joint Institutions with the Na Bulovce Hospital**DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY**

Budínova 2, 180 81 Praha 8, tel.: 266 083 229, fax: 283 840 507

Head: Assoc. Prof. MUDr. Michal Zikán, Ph.D.

E-mail: michal.zikan@bulovka.cz

DEPARTMENT OF SURGERY

Budínova 2, 180 81 Praha 8, tel.: 266 082 176, fax: 266 082 482

Head: Assoc. Prof. MUDr. Jan Fanta, DrSc.

E-mail: chirbul@lf1.cuni.cz

DEPARTMENT OF INFECTIOUS AND TROPICAL DISEASES

Budínova 2, 180 81 Praha 8, tel.: 266 082 717, fax: 266 082 717

Head: MUDr. Hanuš Rozsypal, CSc.

E-mail: infe3@lf1.cuni.cz

DEPARTMENT OF PLASTIC SURGERY

Budínova 2, 180 81 Praha 8, tel. /fax: 266 083 204
 Head: MUDr. Martin Molitor, Ph.D.
 E-mail: plastika@bulovka.cz

DEPARTMENT OF ORTHOPAEDICS

Budínova 2, 180 81 Praha 8, tel.: 266 082 828, fax: 283 840 514
 Head: Prof. MUDr. Pavel Dungl, DrSc.
 E-mail: ort@bulovka.cz

INSTITUTE OF RADIATION ONCOLOGY

Budínova 2, 180 81 Praha 8, tel.: 283 840 990, fax: 283 840 873
 Head: Prof. MUDr. Luboš Petruželka, CSc.
 E-mail: onkouro@mbox.vol.cz

Joint Institutions with Thomayer Hospital**DEPARTMENT OF ANAESTHESIOLOGY AND INTENSIVE CARE**

Vídeňská 800, 140 59 Praha 4, tel.: 261 083 811, fax: 261 083 673
 Head: Assoc. Prof. MUDr. Roman Zazula, Ph.D.
 E-mail: monika.koudelkova@ftn.cz

DEPARTMENT OF SURGERY

Vídeňská 800, 140 59 Praha 4, tel.: 261 082 632, tel./fax: 261 082 620
 Head: Assoc. Prof. MUDr. Jaromír Šimša, Ph.D.
 E-mail: chirkr@ftn.cz

DEPARTMENT OF ONCOLOGY

Vídeňská 800, 140 59 Praha 4, tel: 261 083 492
 Head: Assoc. Prof. MUDr. Tomáš Büchler, Ph.D.
 E-mail: onkolog@ftn.cz

DEPARTMENT OF PAEDIATRICS

Vídeňská 800, 140 59 Praha 4, tel.: 261 083 180, fax: 261 083 231
 Head: Assoc. Prof. MUDr. Hana Houšťková, CSc.
 E-mail: pediatr@lf1.cuni.cz

DEPARTMENT OF RESPIRATORY MEDICINE

Vídeňská 800, 140 59 Praha 4, tel.: 261 082 372
 Head: Prof. MUDr. Martina Vašáková, Ph.D.
 E-mail: pneum@lf1.cuni.cz

**Joint Institutions with the General University Hospital and Central Army Hospital –
Military University Hospital****DEPARTMENT OF ONCOLOGY**

U Nemocnice 2, 128 08 Praha 2, tel: 224 962 219
 Head: Prof. MUDr. Luboš Petruželka, CSc.
 E-mail: lubos.petruzelka@lf1.cuni.cz

Institution of the First Faculty of Medicine at the Institute of Hematology and Blood Transfusion**INSTITUTE OF CLINICAL AND EXPERIMENTAL HEMATOLOGY**

U Nemocnice 1, 128 08 Praha 2, tel.: 221 977 217, fax: 224 913 728
 Provisional Head: Prof. MUDr. Petr Cetkovský, Ph.D., MBA
 E-mail: info@uhkt.c

Institution of the First Faculty of Medicine at the Institute of Rheumatology

DEPARTMENT OF RHEUMATOLOGY

Na Slupi 4, 128 50 Praha 2, tel.: 234 075 249, fax: 224 914 451

Head: Prof. MUDr. Karel Pavelka, DrSc.

E-mail: ru_praha@revma.cz

SCIENCE AND INFORMATION INSTITUTION OF THE FACULTY

Institute of Scientific Information

U Nemocnice 4, 128 01 Praha 2, tel.: 224 965 602, fax: 224 965 601

Head: PhDr. Hana Skálová

E-mail: knihovna@lf1.cuni.cz

Utility Institution of the Faculty

CENTRE FOR EXPERIMENTAL BIOMODELS

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 815

Head: Mgr. Viktor Sýkora

E-mail: ceb@lf1.cuni.cz