



ACTIVITY REPORT
2020

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I. MAIN MISSION OF THE FACULTY OF MEDICINE UPJŠ

Pursuant to Act no. 131/2002 Coll. on Higher Education Institutions and on Amendments to Certain Acts, as amended, and the Statute of the UPJŠ Faculty of Medicine in Košice, the basic task of the faculty is to provide higher education necessary for the practice of the medical profession. The faculty fulfils this mission by applying the latest pedagogical methods, intensive scientific research and providing health care in cooperation with the university hospital and other specialized teaching facilities.

The faculty is accredited for the implementation of two doctoral study programs - in general and in dental medicine, both in Slovak and English. Extensive scientific research is a part of a quality pedagogical process, which also includes PhD study programs in accredited study programs.

In addition to doctoral study programs, the faculty also runs a master's and bachelor's degree program in public health and physiotherapy and a bachelor's degree program in nursing. As part of postgraduate education, the faculty provides the possibility of specialized studies in medicine in the scope of accreditations obtained according to relevant regulations, carries out specialized education of health care workers and within the university in cooperation with other faculties also participates in education within the Lifelong Learning Centre. It therefore also addresses the general public, contributes to the education and health education of citizens, contributes to the prevention and treatment of diseases, cooperates with state administration bodies, local governments, supports and develops international, especially European cooperation by participating in scientific projects, supporting joint projects, staff and student mobility.

In the spirit of national and universal human and democratic traditions, the faculty has a special responsibility for the development of general education as part of the culture of the whole society. In this activity, it follows the global, especially European, development of science and culture.

The faculty guarantees traditional academic rights and freedoms to all members of the academic community. The exercise of these rights and freedoms must not run counter to the principles of democracy, humanity, ethics and the rule of law.

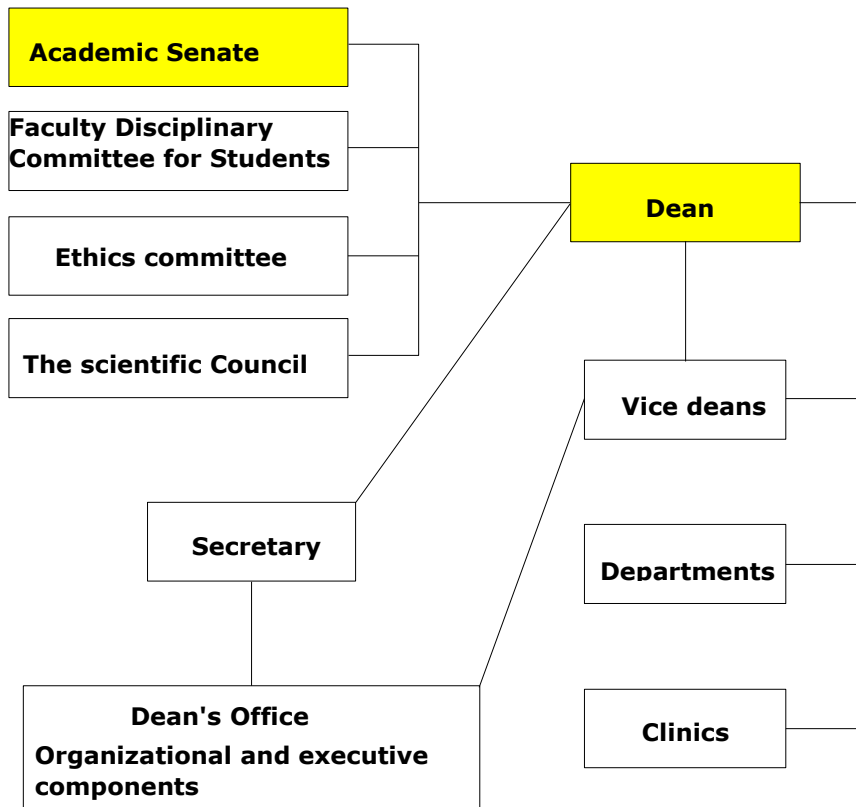
The Faculty allows each applicant for doctoral studies, or for master's and bachelor's studies to study according to the study program, if he or she has a complete secondary education, or a complete secondary vocational education, if he or she demonstrates the necessary competence for studying in the chosen field of study and meets all conditions under Act no. 131/2002 Coll. on Higher Education Institutions and on Amendments to Certain Acts, as amended, by the Articles of Association and other regulations of the faculty and university.

In the field of educational and scientific research activities, the faculty coordinates its activities with UPJŠ, cooperates with other faculties and other scientific workplaces not only in its place of operation, but also within the entire Slovak Republic and abroad.

II. ORGANIZATIONAL STRUCTURE

The organizational structure of the faculty, its tasks, duties, authorizations and the responsibility of individual entities for the entrusted activities are regulated specifically by the Organizational Rules of the Faculty issued by the Dean of the Faculty and approved by the Academic Senate of the Faculty.

ORGANIZATIONAL BREAKDOWN



Dean's Office

- Secretariat of the Dean and Secretary of the Faculty
- PR manager
- A lawyer
- Personnel department
- Study department
- Department of Science and Research
- Department for further education of health professionals
- Publishing Department and Secretariat of the AS UPJŠ LF
- Labour Economics Department
- Department for the management of a comprehensive scoring system
- Slovacin Department
- Department for International Relations and Faculty Presentation
- Department of Economic Information
- Internal Administration Department

Departments

- Department of Anatomy, UPJŠ FM
- Department of Epidemiology, UPJŠ FM
- Department of Pharmacology, UPJŠ FM

- Department of Histology and Embryology, UPJŠ FM
- Department of Medical and Clinical Biophysics UPJŠ FM
- Department of Medical and Clinical Biochemistry UPJŠ FM
- Department of Medical and Clinical Microbiology UPJŠ FM and UNLP
- Department of Medical Biology UPJŠ LF
- Department of Medical Physiology UPJŠ FM
- Department of Medical Informatics UPJŠ FM
- Department of Nursing, UPJŠ FM
- Department of Pathological Physiology UPJŠ FM
- Department of Pathology, UPJŠ FM and UNLP
- Department of Health Psychology and Research Methodology, UPJŠ FM
- Department of Social and Behavioural Medicine UPJŠ FM
- Department of Forensic Medicine UPJŠ FM
- Department of Public Health and Hygiene UPJŠ FM

Clinics

LOUIS PASTEUR UNIVERSITY HOSPITAL IN KOŠICE

- 1st Department of surgery of UPJŠ FM and UNLP
- 1st Department of Internal Medicine of UPJŠ FM and UNLP
- 1st Department of Anaesthesiology and Intensive Care, UPJŠ FM and UNLP
- 1st Department of Psychiatry UPJŠ FM and UNLP
- 1st Department of Stomatology of UPJŠ FM and UNLP
- 2nd Department of Surgery, UPJŠ FM and UNLP
- 2nd Department of Internal Medicine of UPJŠ FM and UNLP
- 2nd Department of Psychiatry, UPJŠ FM and UNLP
- 4th Department of Internal Medicine of UPJŠ FM and UNLP
- Department of Gynaecology and Obstetrics, UPJŠ FM and UNLP
- Department of Dermatovenereology, UPJŠ FM and UNLP
- Department of Physiotherapy, Balneology and Medical Rehabilitation UPJŠ FM and UNLP
- Department of Haematology and Oncohematology, UPJŠ FM and UNLP
- Department of Infectious Diseases and Travel Medicine, UPJŠ FM and UNLP
- Department of ENT and head and neck surgery UPJŠ FM and UNLP
- Department of Orthopaedics and Traumatology of Locomotory Apparatus UPJŠ FM and UNLP
- Department of Pneumology and Phthysiology UPJŠ FM and UNLP
- Department of Occupational Medicine and Clinical Toxicology, UPJŠ FM and UNLP
- Department of Radiodiagnostics and Imaging Methods, UPJŠ FM and UNLP
- Department of Stomatology and Maxillofacial Surgery UPJŠ FM and UNLP
- Department of Traumatology, UPJŠ FM and UNLP
- Department of Neurosurgery, UPJŠ FM and UNLP
- Department of Neurology, UPJŠ FM and UNLP
- Department of Ophthalmology, UPJŠ FM and UNLP
- • Department of Urology, UPJŠ FM and UNLP

CHILDREN'S UNIVERSITY HOSPITAL IN KOŠICE

- Department of Paediatric Anaesthesiology and Intensive Medicine
- Department of Paediatrics and Adolescent Medicine

EAST SLOVAK INSTITUTE OF CARDIOVASCULAR DISEASES, A. S.

- 1st Department of Cardiology UPJŠ FM and VÚSCH, a.s.
- 2nd Department of Cardiology UPJŠ FM and VÚSCH, a.s.
- Department of Anaesthesiology and Intensive Medicine UPJŠ FM and VÚSCH, a.s.
- Department of Angiology UPJŠ FM and VÚSCH, a. s.
- Department of Vascular Surgery UPJŠ FM and VÚSCH, a.s.
- Department of Heart Surgery UPJŠ FM and VÚSCH, a.s.

AGEL HOSPITAL KOŠICE-ŠACA, a. s.

- 1st Dental Clinic UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of Gynaecology and Obstetrics UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of Surgery UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of Internal Medicine UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of Medical Rehabilitation UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of Musculoskeletal and Sports Medicine UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of Burns and Reconstructive Surgery UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of Radiology UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.
- Department of General Medicine UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.

UNIVERSITY HOSPITAL - HOLY MICHAL HOSPITAL, a. s.

- Department of Gerontology and Geriatrics UPJŠ FM

EAST SLOVAK INSTITUTE OF ONCOLOGY, a. s.

- Department of Radiotherapy and Oncology UPJŠL FM and VOÚ, a. s.

St. LUCAS HIGH SPECIALIZED GERIATRIC INSTITUTE IN KOŠICE, n. o.

- Department of Geriatrics and Nursing UPJŠ FM and VŠOÚG st. Lukas, n. o.

INSTITUTE OF NUCLEAR AND MOLECULAR MEDICINE

- Department of Nuclear Medicine UPJŠ FM and Institute of Nuclear and Molecular Medicine

AKADÉMIA KOŠICE, n. o.

- Department of Stomatology and Maxillofacial Surgery UPJŠ FM and Akadémia Košice, n.o.

Scientific and Research Departments

- SLOVACRIN
- Department of Experimental Medicine UPJŠ FM
- Associated Tissue Bank UPJŠ FM

Specific Departments

- Laboratory of Research Bio-models

Centre of Clinical and Preclinical Research MediPark

Specialized teaching facilities

- Centre for Assisted Reproduction, SPLN spol. s. r. o.
- Centre for obesity treatment UPJŠ FM a MUDr. Majerčák Ivan
- Family Dental Care - Košice s. r. o.
- FMC – dialysis services, s. r. o.
- GYNCARE, s. r. o.
- HUMAN-CARE, s. r. o. Košice □ IMEA-CC, s. r. o.
- Liberta, n. o.
- Medirex, a. s.
- MUDr. Beatrica Kövályová – outpatients' clinic for adults
- Department of Radiology UPJŠ FM and Railway hospital and Healthcare Center, Košice
- Department of Internal Medicine – Štefan Kukura Hospital in Michalovce, a. s.
- Department of Internal Medicine and Metabolic Intensive Care Unit Poprad Hospital, a. s. a UPJŠ FM
- Regional Public Health Authority in Košice
- Sonoclinic, s. r. o.
- Medico-Legal and Pathological-Anatomical Department of the Health Care Surveillance Authority
- Specialized Department of intervention algesiology and endoscopic techniques Europaclinics
- Department of General Medicine UPJŠ FM and Kalanin, s. r. o.
- General Medicine teaching base, MEDICOMP Košice, s. r. o.

ACADEMIC AUTHORITIES

- Academic Senate of the faculty
- Dean of the Faculty
- Faculty Scientific Board

Academic Senate of UPJŠ Faculty of Medicine

Employee part

- doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof. - vice-president of AS UPJŠ FM for the employee part
- doc. Ing. Jaroslav Majerník, PhD. - president AS UPJŠ FM
- prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN
- doc. MUDr. Matej Škorvánek, PhD.
- doc. MUDr. Radoslav Morochovič, PhD.
- prof. MUDr. Jana Kaťuchová, PhD., MBA
- doc. RNDr. Ján Sabo, CSc., mim. prof.
- prof. MUDr. Gabriel Valočik, PhD.
- doc. MUDr. Pavol Joppa, PhD.
- MVDr. Alojz Bomba, DrSc. (*Since September 2020*)
- doc. MUDr. Marek Lacko, PhD.
- MUDr. Eduard Veseliny, PhD.
- Ing. Martina Hámorská
- MUDr. Silvia Farkašová Iannaccone, PhD.

- doc. RNDr. Miroslava Rabajdová, PhD.
- MUDr. Ľubomír Lachváč, PhD.
- doc. MUDr. Jozef Gonsorčík, CSc.
- doc. MUDr. Jarmila Szilasiová, PhD.
- doc. MUDr. Martin Janičko, PhD.
- MUDr. Peter Kizek, PhD.
- RNDr. Andrej Miroššay, PhD.
- Dr.h.c. prof. MUDr. Leonard Siegfried, CSc.
- prof. MVDr. Silvia Rybárová, PhD.
- prof. MUDr. Viliam Donič, CSc.
- doc. MUDr. Ivan Dóci, PhD. *(Since October 2020)*

Student part

- MDDr. Jakub Jánošík *(until December 2020)* - vice-president of AS UPJŠ FM for the student part
- MUDr. Martin Vrško
- Michal Králik
- Lule Tomiq *(until September 2020)*
- Pavol Čurilla
- Filip Lukáč
- Marcel Paľovčík
- Adam Nedoroščík *(until March 2020)*
- MUDr. Michal Virág
- Katarína Tóthová *(until March 2020)*
- Ester Tomajková
- Viera Pencáková
- Martina Ladányiová
- Kleantia Efthymiou *(until May 2020)*
- Karolina Kamila Glińska

Dean of UPJŠ Faculty of Medicine

prof. MUDr. Daniel Pella, PhD.

Scientific Board of UPJŠ Faculty of Medicine

Members:

- prof. MVDr. Lýdia Čisláková, CSc.
- prof. MUDr. Viliam Donič, CSc.
- doc. MUDr. Jozef Firment, PhD.
- prof. MUDr. Mária Frankovičová, PhD.
- prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN
- prof. MVDr. Monika Halánová, PhD.
- prof. MUDr. Pavol Jarčuška, PhD.
- prof. MUDr. Peter Jarčuška, PhD.
- Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH
- doc. MUDr. Pavol Kristian, PhD.
- doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof.
- prof. Ing. Mária Mareková, CSc.
- prof. MUDr. Ladislav Mirossay, DrSc.
- prof. MUDr. Eva Mechírová, CSc.
- prof. MUDr. Daniel Pella, PhD.

- prof. MUDr. Jozef Radoňak, CSc., MPH
- MVDr. Ján Rosocha, CSc.
- doc. RNDr. Ján Sabo, CSc., mim. prof.
- doc. MUDr. František Sabol, PhD., MPH, MBA
- Dr.h.c. prof. MUDr. Leonard Siegfried, CSc.
- MUDr. Silvia Timková, PhD.
- prof. MUDr. Ivan Tkáč, PhD. (*until 21.10.2020*)
- doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof. (*since 22.10.2020*)
- prof. MUDr. Gabriel Valočik, PhD.

External members:

- prof. MUDr. Andrea Čalkovská, DrSc. – JLF UK Martin
- prof. MUDr. Peter Galajda, CSc. – JLF UK Martin
- doc. MUDr. Andrea Kalavská, PhD. – MZ SR Bratislava (*until 21.10.2020*)
- prof. MUDr. Milan Kolář, Ph.D. – LF UP Olomouc
- MUDr. Milan Maďar, MPH – UN L.P Košice
- doc. MUDr. Štefánia Moricová, PhD., mim. prof., MPH – FVZ SZU Bratislava
- prof. MUDr. Ján Murín, CSc. – LF UK Bratislava (*od 22.10.2020*)
- MUDr. Richard Raši, PhD., MPH – Member of the National Council of the Slovak Republic
- MUDr. Ján Slávik, MBA – Agel Hospital Košice-Šaca, a. s.
- prof. MUDr. Juraj Šteňo, DrSc. – LF UK Bratislava
- MUDr. Ingrid Urbančíková, PhD., MPH – DFN Košice

ADVISORY BODIES

(established according to the Statute of the Faculty of Medicine, Article 69)

Faculty management

Dean's Board (composition: dean, vice-deans, secretary of the faculty, chairman of the AS LF, vice-chairman of the AS FM for the student part, chairman of the trade union committee)

Assembly of Chiefs

Expert commissions

UPJŠ Management Faculty of Medicine

- **prof. MUDr. Daniel Pella, PhD.** – dean
- **prof. MUDr. Peter Jarčuška, PhD.** – vice-dean for scientific research and in charge of representing the dean
- **prof. MUDr. Eva Mechírová, CSc.** – vice-dean for pedagogical activities in the 1st - 3rd year of the general medicine study program
- **doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof.** - vice-dean for pedagogical activities in 4-6. year of the general medicine study program
- **MUDr. Silvia Timková, PhD.** – vice-dean for the study program dentistry in Slovak and English
- **doc. MUDr. Pavol Kristian, PhD.** – vice-dean for General Medicine in English
- **doc. MUDr. Jozef Firment, PhD.** – vice-dean for further education of health professionals and non-medical study programs
- **prof. MVDr. Monika Halánová, PhD.** - vice-dean for Grants, Development and International Relations
- **Ing. Libuša Sabolová** – faculty secretary

Board of the Dean of UPJŠ Faculty of Medicine

- **prof. MUDr. Daniel Pella, PhD.** – dean
- **prof. MUDr. Peter Jarčuška, PhD.** – vice-dean for scientific research and in charge of representing the dean
- **prof. MUDr. Eva Mechírová, CSc.** – vice-dean for pedagogical activities in the 1st - 3rd year of the general medicine study program
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- **MUDr. Silvia Timková, PhD.** – vice-dean for the study program dentistry in Slovak and English
- **doc. MUDr. Pavol Kristian, PhD.** – vice-dean for General Medicine in English
- **doc. MUDr. Jozef Firment, PhD.** – vice-dean for further education of health professionals and non-medical study programs
- **prof. MVDr. Monika Halánová, PhD.** - vice-dean for Grants, Development and International Relations
- **Ing. Libuša Sabolová** – faculty secretary
- **RNDr. Helena Mičková, PhD.** – Chairwoman of VZO OZ PŠaV at UPJŠ FM
- **doc. Ing. Jaroslav Majerník, PhD.** – Chairman of AS UPJŠ FM

Assembly of heads of UPJŠ Faculty of Medicine

- doc. MUDr. Ingrid Hodorová, PhD.
- prof. MVDr. Monika Halánová, PhD.
- prof. MVDr. Ján Mojžiš, DrSc.
- prof. MUDr. Eva Mechírová, CSc.
- doc. RNDr. Ján Sabo, CSc., mim. prof.
- prof. Ing. Mária Mareková, CSc.
- Dr.h.c. prof. MUDr. Leonard Siegfried, CSc.
- doc. RNDr. Peter Solár, PhD.
- prof. MUDr. Viliam Donič, CSc.
- doc. Ing. Jaroslav Majerník, PhD.
- doc. PhDr. Lucia Dimunová, PhD.
- doc. MUDr. Roman Beňačka, CSc., mim. prof.
- doc. MUDr. Silvia Farkašová Iannaccone, PhD.
- prof. Mgr. Andrea Madarasová Gecková, PhD.
- Mgr. Iveta Rajničová Nagyová, PhD.
- doc. MUDr. Kvetoslava Rimárová, CSc., mim. prof.
- prof. MUDr. Jozef Radoňak, CSc., MPH
- prof. MUDr. Ivica Lazúrová, DrSc., FRCP
- doc. MUDr. Jozef Firment, PhD.
- MUDr. Jozef Dragašek, PhD., MHA
- MUDr. Silvia Timková, PhD.
- doc. MUDr. Jozef Belák, PhD.
- prof. MUDr. Peter Jarčuška, PhD.
- doc. MUDr. Ivan Dóci, PhD.
- prof. MUDr. Ivan Tkáč, PhD.
- doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof.
- MUDr. Janette Baloghová, PhD.
- doc. MUDr. Peter Takáč, PhD., mim. prof.
- MUDr. Tomáš Guman, PhD.
- prof. MUDr. Ivan Schréter, CSc. / prof. MUDr. Pavol Jarčuška, PhD.

- prof. MUDr. Juraj Koval', CSc., MPH
- doc. MUDr. Marek Lacko, PhD.
- doc. MUDr. Pavol Joppa, PhD.
- prof. MUDr. Ľubomír Legáth, PhD.
- MUDr. Peter Mach, CSc. / Mgr. MUDr. René Hako, PhD., MHA, MPH
- Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH
- prof. MUDr. Miroslav Kitka, PhD.
- doc. MUDr. Miroslav Gajdoš, CSc., mim. prof.
- prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN
- □ MUDr. Jaroslav Kolesár, MPH / MUDr. Marek Horňák
- prof. MUDr. Vincent Nagy, PhD.
- doc. MUDr. Veronika Vargová, PhD.
- MUDr. Mária Pisarčíková, PhD.
- prof. MUDr. Gabriel Valočik, PhD.
- prof. MUDr. Daniel Pella, PhD.
- MUDr. Peter Čandík, PhD., MPH
- doc. MUDr. Eva Szabóová, PhD.
- MUDr. Peter Berek, PhD.
- prof. MUDr. František Sabol, PhD., MPH, MBA
- MUDr. Ján Richnavský, PhD.
- MUDr. Andrej Vrzgula, PhD.
- MUDr. Soňa Tomková, PhD.
- MUDr. Ľudovít Želinský, PhD.
- MUDr. Peter Polan, PhD., MPH
- MUDr. Peter Lengyel, PhD.
- MUDr. Tatiana Muchová, PhD., MPH
- prof. MUDr. PhDr. Peter Kalanin, PhD.
- MUDr. Igor Andrašina, CSc.
- doc. MUDr. Marián Sninčák, PhD.
- doc. MUDr. Ján Lepej, CSc.
- MVDr. Alojz Bomba, DrSc. / RNDr. Izabela Bertková, PhD.
- MVDr. Ján Rosocha, CSc.

Expert boards of UPJŠ Faculty of Mediciney

Pedagogical Board:

prof. MUDr. Eva Mechírová, CSc. - president

Ing. Lena Kašická

MUDr. Peter Kizek, PhD.

doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof.

Marcel Paľovčík Andrej Pribula prof. MUDr. Jozef Radoňak, CSc., MPH doc.

MUDr. Peter Urdzík, PhD., MPH, mim. prof. doc. MUDr. Ivana Valočiková, PhD.

doc. MUDr. Veronika Vargová, PhD.

Disciplinary Board:

prof. MUDr. Peter Jarčuška, PhD. – president

Karin Brandeburová Pavol Čurila doc. MUDr. Ivan Dóci, PhD.

prof. MVDr. Monika Halánová, PhD. doc. MUDr. Pavol Kristian, PhD.

Diana Leová

Adam Nedoroščík MUDr. Alina Putrya MUDr. Silvia Timková,

PhD. doc. MVDr. Štefan Tóth, PhD.

Scientific Board:

prof. MUDr. Peter Jarčuška, PhD. – president prof. MUDr. Ivan Tkáč, PhD. (*until 24.11.2020*)

prof. MUDr. Jozef Radoňak, CSc., MPH prof. MUDr. Jana Kaťuchová, PhD., MBA (*since 25.11.2020*)

prof. MVDr. Ján Mojžiš, DrSc.

prof. MVDr. Lýdia Čisláková, CSc.

prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

prof. MVDr. Monika Halánová, PhD.

prof. RNDr. Ján Šalagovič, PhD.

MVDr. Alojz Bomba, DrSc. (*until 24.11.2020*) doc. MUDr. Ingrid Dravecká, PhD. (*since 25.11.2020*)

Ethics Committee:

prof. MUDr. Daniel Pella, PhD. – predseda

MVDr. Miroslava Némethová, PhD. – predsedníčka EK pre animálne štúdie

RNDr. Darina Petrášová, PhD. – tajomníčka

prof. MUDr. Viliam Donič, CSc.

prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

prof. MUDr. Peter Jarčuška, PhD.

prof. MUDr. Jozef Radoňak, CSc., MPH

doc. RNDr. Ján Sabo, CSc., mim. prof.

MUDr. Lucia Tomková Merkovská, PhD.

prof. MUDr. Ladislav Valanský, PhD.

doc. MVDr. Jarmila Veselá, CSc.

doc. PhD. Ľubov Vladyková, PhD.

MVDr. Ján Rosocha, CSc.

prof. MVDr. Monika Halánová, PhD.

Boards of the Academic Senate of UPJŠ FM:

Commission on legislation, personnel and organizational structure:

president: JUDr. Monika Kajla, PhD.

members: RNDr. Andrej Miroššay, PhD.

MUDr. Peter Kizek, PhD.

doc. MUDr. Marek Lacko, PhD.
MUDr. Martin Vrško
Marcel Paľovčík
MUDr. Michal Králik

Economic and Budget commission:

President: prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN
members: RNDr. Andrej Miroššay, PhD.
MUDr. Eduard Veseliny, PhD.
Marcel Paľovčík
Adam Nedoroščík (*do marca 2020*)
MUDr. Michal Králik
Filip Lukáč

Commission for educational work and Study Affairs:

President: doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof.
Members: prof. MUDr. Jana Kaťuchová, PhD., MBA
prof. MVDr. Silvia Rybárová, PhD.
doc. MUDr. Pavol Joppa, PhD.
doc. MUDr. Jarmila Szilasiová, PhD.
doc. MUDr. Jozef Gonsorčík, CSc.
Ing. Martina Hámorská
MDDr. Jakub Jánošík (*until December 2020*)
Adam Nedoroščík (*until March 2020*)
Ester Tomajková
Lule Tomiq (*until September 2020*)
Kleanthia Efthymiou (*until May 2020*)

Science and Research commission:

President: doc. MUDr. Matej Škorvánek, PhD.
Members: MVDr. Alojz Bomba, DrSc. (*until september 2020*)
doc. RNDr. Miroslava Rabajdová, PhD.
prof. MUDr. Jana Kaťuchová, PhD. MBA
doc. MUDr. Radoslav Morochovič, PhD.
doc. RNDr. Ján Sabo, CSc., mim. prof.
Ester Tomajková
Katarína Tóthová (*until March 2020*)
Lule Tomiq (*until September 2020*)
MUDr. Michal Virág
Pavol Čurilla
Kleanthia Efthymiou (*until May 2020*)

Ethics commission:

President: MUDr. Silvia Farkašová Iannaccone, PhD.
Members: prof. MVDr. Silvia Rybárová, PhD.
JUDr. Monika Kajla, PhD.
doc. MUDr. Martin Janičko, PhD.
MUDr. Peter Kizek, PhD.
MUDr. Ľubomír Lachváč, PhD.
doc. MUDr. Radoslav Morochovič, PhD.

Pavol Čurilla
Viera Pencáková
Katarína Tóthová (*until March 2020*)
Martina Ladányiová
Karolina Kamila Glińska
MUDr. Martin Vrško

Election and Mandate commission:

President: MUDr. Ľubomír Lachváč, PhD.

Members: doc. RNDr. Miroslava Rabajdová, PhD.

Ing. Martina Hámorská

MDDr. Jakub Jánošík (*until December 2020*)

Viera Pencáková

Pavol Čurilla

Substitutes: MVDr. Alojz Bomba, DrSc. (*until September 2020*)

Katarína Tóthová (*until March 2020*)

III. EDUCATIONAL ACTIVITY

BACHELOR'S, MASTER'S AND DOCTORAL STUDIES

Higher education

The basic importance of the faculty lies in providing pedagogical-educational, scientific-research, medical-preventive areas of education and providing further education for health care workers.

Higher education is provided in accredited study programs:

- 1st degree study - physiotherapy, nursing, public health
- II. degree of study - physiotherapy, public health
- joined I. and II. degree of study - general medicine, dental medicine
- III. degree of study - anatomy, histology and embryology, epidemiology, pharmacology, gynaecology and obstetrics, surgery, clinical biochemistry, neurology, normal and pathological physiology, public health, internal diseases, dentistry.

Education in I., II. and joined I. and II. degree of study takes place in the daily form of study, education in III. degree is provided both in daily and external form.

Teaching in joined I. and II. degree of study is provided in Slovak and English.

The integration of the faculty into the network of European universities is a long-term and demanding process for applying the conclusions of the Bologna Declaration in the higher education system.

Slovakia's entry into the EU brought new elements for the Faculty of Medicine: introduction of diploma theses, new study arrangements, introduction of credit studies, expansion of the choice of subjects, the possibility of interdisciplinary studies with the possibility of creating your own study program.

Study at the faculty has specifics that do not allow free choice of subjects in a given year for the creation of a study plan by the students themselves. The reason is the connection of clinical subjects to preclinical and setting of conditioning subjects.

The most economically demanding study program is dental medicine, for the teaching of which the financial costs are 2 times higher than for the study program general medicine.

The introduction of final (diploma) theses into the study plans of doctoral study programs has brought problems that we still solve today:

- listing a large number of thesis topics,
- creation of suitable conditions for experimental work,
- material and technical support of the preparation of final theses,
- provision of opponents of final theses.

The final work must be carried out by a large number of university teachers who also carry out medical activities, which causes them to be overburdened.

As of October 31, 2020, 3,056 students were enrolled in the full-time form of study, of which 1,264 were studying in English.

Development of the number of students as of 31.10. of the year

Numbers of students by study programs	2016/17	2017/18	2018/19	2019/20	2020/21
study programs in joined I. and II. degree of study with teaching in the Slovak language	1414	1408	1492	1505	1619
study programs in joined I. and II. degree of study with teaching in the English language	1122	1296	1266	1314	1264
1st degree study programs	134	161	142	122	125
2nd degree study programs	0	12	21	34	48
together	2670	2877	2921	2975	3056

Number of students by year of study as of 31.10.2020

Number of students	1.	2.	3.	4.	5.	6.	together
General Medicine	299	247	248	192	186	194	1366
Dental Medicine	40	42	51	35	44	41	253
General Medicine (ENG)	156	214	204	191	142	186	1093
Dental Medicine (ENG)	35	35	25	35	24	17	171
Physiotherapy, I. degree	15	15	11				41
Nursing, I. degree	22	19	21				62
Public health, I. degree	10	4	8				22
Physiotherapy, II. degree	11	12					23
Public Health, II. degree	12	13					25
together	600	601	568	453	396	438	3056

Information on the number of students who dropped out of their studies / were excluded from their studies / left their studies

2019/2020	Degree of study			
	I.	I. (%)	II., Joined I. and II.	II., Joined I. and II. (%)
interrupted study	2	1,64	35	1,16
excluded or left the study	7	5,74	210	7,36

Number of students who pay tuition fees for exceeding the standard length of study in AY 2019/2020:

- 11 first-degree students, which is 9.02% of all first-degree students,
- 60 students of II. and the joined I. and II. degree, which is 3.9% of students of II. degree and the joined I. and II. degree.

The table shows **56 countries**, of which 1268 foreign students' study at our faculty.

List of countries of foreign students

Country of origin	Together
Andorra	1
Argentine Republic	1
Kingdom of Belgium	2
Republic of Benin	1
Bolivia	1
Brazil	2
Republic of Bulgaria	1
Republic of Cyprus	13
Czech Republic	8
Kingdom of Denmark	1
Dominican Republic	1
Arab Republic of Egypt	2
Ethiopia	1
Republic of Finland	3
French Republic	4
Greek Republic	67
Netherlands	3
Republic of India	6
Republic of Iraq	3
Islamic Republic of Iran	18
Ireland	13
State of Israel	162
Japan	15
Yemen	1
Jordan	2
Canada	2
Kenya	1
Lebanese Republic	2
Republic of Latvia	1
Grand Duchy of Luxembourg	1
Hungary	3
Republic of Mauritius	1
Federal Republic of Germany	197
Federal Republic of Nigeria	1
Kingdom of Norway	65
Islamic Republic of Pakistan	2

III. Educational activity

Poland	232
Portuguese Republic	22
Austria	10
Romania	1
Russian Federation	3
Saudi Arabia	3
United Arab Emirates	1
United Kingdom of Great Britain and Northern Ireland	21
United States of America	5
Republic of Serbia	1
Democratic Socialist Republic of Sri Lanka	1
Syrian Arab Republic	4
Kingdom of Spain	181
Swiss confederation	2
Kingdom of Sweden	80
Italian Republic	78
Republic of Turkey	3
Ukraine	10
Venezuela	1
Republic of Zimbabwe	1

Graduates

Number of graduates as of 31.12. of the year according to the study programs

Study programme	2015	2016	2017	2018	2019	2020 (k 20.9.2020)
General Medicine	187	179	184	165	180	191
Dental Medicine	48	46	46	46	46	31
General medicine in English	65	80	85	115	120	169
Dental Medicine in English	12	8	22	15	27	14
Nursing	9	10	0	27	24	21
Public health	11	10	10	9	19	17
Physiotherapy	9	14	14	19	16	13
Together	341	347	361	396	432	456

The number of students who graduated with honours:

- 81-degree graduates, which is 6.56% of all I. degree students
- 48 graduates of II. and the joined I. and II. degree, which is 1.68% of all students of II. degree and the joined I. and II. degree

The Dean's Award went to 62 graduates from the faculty's own resources in the amount of € 11,200.

During the graduation ceremony, four graduates were awarded the Annual Rector's Prize, which they received for excellent achievement throughout their studies at the faculty.

Admission procedure in 2019/2020

The criteria for the admission procedure were approved by the Academic Senate and are published on the faculty's website, on the official bulletin board and on the university portal.

The entrance exam consists of a written verification of knowledge in the scope of college high school in the subjects of biology, chemistry and is performed using computer technology. Tests are generated from the database of questions separately for doctoral and bachelor's study programs.

The test for doctoral applicants consists of 200 questions, of which 100 questions are from biology and 100 questions are from chemistry. The maximum number of points earned is 800.

The entrance exam for the bachelor's study program in physiotherapy consists of a test of physical abilities (swimming 100 m, gymnastic group, running 50 m), from which the candidate can obtain a maximum of 60 points. Only the candidate who obtains at least 20 points from the motor skills test may take part in the written part of the entrance examination.

The test for bachelor's degree applicants consists of 80 questions, of which 40 questions are from biology and 40 questions are from chemistry. The maximum number of points for the study programs nursing and public health is 320, for the study program physiotherapy it is 380 points.

According to the order of obtained points, the result reports for individual study programs are compiled.

When writing the test, each candidate is assigned a candidate number without knowledge of the candidate.

The dean of the faculty accepted the first applicants according to the number of points obtained according to the planned number for admission to the relevant study program. In an effort to ensure the enrolment in the study of such a number of students as was approved by the Academic Senate, the faculty proceeded in accordance with § 58 par. 9 of the Higher Education Act and accepted other applicants according to the order of points obtained.

The consecutive result of the entrance examination was published for the applicants on the faculty's website (<https://www.lf.upjs.sk/prijimacky/>) and also the final order of the applicants according to the applicant's number, which was also published on the faculty notice board (in front of the UPJŠ Study Department FM).

Based on the decision of the Government of the Slovak Republic, the planned number of admitted students was increased to number 300 for the study program general medicine.

Admission procedure in numbers

Study programme	Planned number of accepted students	Number of applicants	Participants in the entrance exam	Number of enrolled students
General Medicine	220+80	1057	876	340
Dental Medicine	40	361	277	40
General medicine in English	200	594	442	181
Dental Medicine in English	30	110	86	34
Physiotherapy, I. degree study	15	83	66	15
Nursing, I. degree study	30	53	33	24
Public Health, 1st degree study	15	21	14	9
Physiotherapy, II. degree of study	15	19	19	11
Public Health, II. degree of study	15	12	12	12
Together	580+80	2310	1825	666

List of applicants for study by district

District	Number of applicants	Participation	Accepted	Enrolled	Acceptance / participation rate (%)
Sobrance	18	15	11	10	73,33
Stropkov	19	18	13	11	72,22
Rimavská Sobota	13	10	7	6	70,00
Košice II	54	51	34	26	66,67
Košice - okolie	63	56	36	34	64,29
Košice I	70	58	37	31	63,79
Spišská Nová Ves	41	36	22	18	61,11
Vranov nad Topľou	59	50	29	24	58,00
Trebišov	47	40	23	19	57,50
Zvolen	10	7	4	3	57,14
Gelnica	10	9	5	3	55,56
Levoča	26	20	11	10	55,00
Snina	28	24	13	12	54,17
Svidník	20	15	8	7	53,33
Michalovce	76	68	35	30	51,47

Košice IV	47	37	19	15	51,35
Bardejov	55	48	24	19	50,00
Poprad	34	30	15	13	50,00
Humenné	35	28	14	13	50,00
Sabinov	44	36	17	14	47,22
Stará Ľubovňa	29	24	11	8	45,83
Rožňava	26	24	11	9	45,83
Košice III	11	11	5	5	45,45
Prešov	83	73	33	30	45,21
Liptovský Mikuláš	27	23	8	5	34,78
Žilina	23	15	5	4	33,33
Lučenec	12	9	3	3	33,33
Čadca	10	7	2	0	28,57
Kežmarok	17	15	4	2	26,67
Banská Bystrica	16	12	3	1	25,00
Revúca	12	9	2	1	22,22
Brezno	10	10	2	2	20,00
Martin	25	19	3	2	15,79
Ružomberok	11	8	1	1	12,50

Note: The table does not show districts in which the number of applicants is less than 10.

Student support

LYNX company awarded Lule Tomiq, a student of the 6th year of the General Medicine study program, for the Best Diploma Thesis, which was presented to her by a representative of the company at a meeting of the faculty management. For the academic year 2019/2020, 6 students of the faculty received the "Annual Rector's Award".

Motivational - extraordinary scholarships at the faculty were awarded to students in accordance with the Scholarship Regulations of the university and the faculty.

The merit scholarship was awarded to 292 students according to the Faculty Scholarship Regulations, of which 3 students had paid a scholarship from the faculty's own resources.

The management of the faculty supports the activities of the Association of Medics of the City of Košice and the Slovak Association of Dental Students in their activities.

In the academic year 2019/2020, the amount of € 182,895 was paid for social scholarships.

The average number of students receiving social scholarships was 75.90.

Accommodation for students of the 2nd to 6th year of study is provided in hostels on the streets: Medická, Popradská 66 and Popradská 76. Accommodation for students of the 1st year of study is provided on the basis of "Criteria for student accommodation in ŠD - UPJŠ" on the streets Kysucká 16, Pražská 2 and Jedlíkova 5.

Students are provided with health care in two general practitioners' outpatient clinics.

Student scientific activity

Based on the decision of the Faculty Management of March 24, 2020, the Student Scientific Conference for 2020 was cancelled due to the current epidemiological situation (COVID-19).

Erasmus+

The following numbers students within the ERASMUS + program in AY 2019/2020:

- 31 students went to study, of which 9 students left school early and 5 students did not leave (restrictions, concerns),
- 12 students went for internship.

The Faculty in AR 2019/2020 accepted 53 students from abroad, of which:

- 46 students in the study,
- 7 students on internship.

Compared to the previous academic year, the interest of students from foreign universities in staying at our faculty decreased due to the epidemiological situation of COVID-19.

Committees

DISCIPLINARY COMMISSION

In the academic year 2019/2020, the disciplinary commission of the faculty met twice and discussed the violations of students:

- date 28.10.2019
- date 2.12.2019

PEDAGOGICAL COMMISSION

To improve the quality of pedagogical activities, the Faculty of Education operates at the faculty, which in the academic year 2019/2020 met on January 23, 2020.

The subject of the meeting was proposals for modifications in the study plans of study programs.

The quality of the educational process

The quality of the educational process includes a wide range of qualitative and quantitative factors. The qualitative factors include: the quality of the accepted candidates - the interest of students in teaching - the general level of knowledge - the qualification and pedagogical level of teachers. The quantitative factors include: the number of students in the year, the number of university teachers, the number of students in the group, the technical provision of teaching, the organization of the schedule, the provision and availability of literature.

Due to the high number of students, the spatial features but also the staff of the L. Pasteur University Hospital in Košice does not allow the implementation of all practical (clinical) teaching in this medical facility. Clinical teaching takes place in 10 teaching bases and other non-state medical facilities.

The guarantor of the study program is responsible for the quality of the pedagogical process, and the head of the department and the head of the clinic are decisive. Observations are a tool for controlling the level of quality of the pedagogical process, which are used to assess the quality of teaching by university teachers.

In AY 2019/2020, the full-time form of teaching in the summer semester was changed to the distance form due to the COVID-19 pandemic. Teaching took place in MS Teams, ZOOM, Moodle. The level of students' knowledge was verified by continuous assessment, written test ROGO and online exam.

State exams were carried out:

- in full-time form in compliance with epidemiological conditions,
- distance form in MS Teams.

The teaching is carried out by university teachers, researchers and partly by PhD students. When teaching subjects of 1.-2. year 2 senior students acted as auxiliary teaching forces.

477 following faculty employees (at the position) participate in the teaching:

- 37 professors
- 11 adjunct professors
- 44 associate professors
- 222 professional assistants
- 102 assistants
- 59 researchers
- 2 lecturers

As part of internationalization, 6 foreign university teachers took part in the teaching, i.e. 2 professors, 3 associate professors and 1 assistant professor.

The priority of the faculty management is to build a simulator center, in which practical teaching of students would take place, which was limited at the clinics during the pandemic.

PHD STUDY

Accredited PhD study programs without a time limit

Field of study	Study programme	Guarantor (co-guarantors)
General Medicine	Anatomy, histology and embryology	prof. MVDr. Silvia Rybárová, PhD. doc. MUDr. Adriana Boleková, PhD. doc. MVDr. Jarmila. Veselá, CSc.
	Normal and pathological physiology	prof. MUDr. Viliam Donič, CSc. doc. MUDr. Roman Beňačka, CSc., mim. prof. doc. MUDr. Mária Pallayová, PhD.
	Internal diseases	prof. MUDr. Ivan Tkáč, PhD. prof. MUDr. Ružena Tkáčová, DrSc. prof. MUDr. Peter Mitro, PhD.
	Epidemiology	Dr. h. c. prof. MUDr. Leonard Siegfried, CSc. prof. MVDr. Monika Halánová, PhD. doc. RNDr. Marta Kmeťová, CSc., mim. prof.
	Surgery	prof. MUDr. Jozef Radoňak, CSc., MPH prof. MUDr. Miroslav Kitka, CSc. prof. MUDr. Mária Frankovičová, PhD.
	Gynecology and Obstetrics	prof. MUDr. Alexander Ostró, CSc., MBA doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof. doc. MUDr. Silvia Toporcerová, PhD., MBA
	Neurology	prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN doc. MUDr. Jarmila Szilasiová, PhD. doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof.
	Clinical Biochemistry	prof. Ing. Mária Mareková, CSc. doc. RNDr. Marek Stupák, PhD. doc. RNDr. Vladimíra Tomečková, PhD.
Dental Medicine	Dental Medicine	Dr. h. c. prof. MUDr. Andrej Jenča, CSc., MPH prof. Włodzimierz Więckiewicz doc. dr. hab. Mieszko Adam Wieckiewicz

III. Educational activity

Pharmacology	Medical Pharmacology	prof. MUDr. Ladislav Mirossay, DrSc. prof. MVDr. Ján Mojžiš, DrSc. doc. MVDr. Martina Bago Pilátová, PhD.
Public health	Public Health	prof. MUDr. Pavol Jarčuška, PhD. doc. MUDr. Kvetoslava Rimárová, PhD, mim. prof. doc. MUDr. Viola Vargová, PhD.

List of newly admitted PhD students (as of 31.12.2020)

Name of the study program	daily form		external form	
	2020	2019	2020	2019
Anatomy, histology and embryology	0	0	3	2
Normal and pathological physiology	1	0	0	1
Internal Diseases	3	5	4	4
Epidemiology	1	1	2	1
Surgery	2	2	6	7
Gynecology and Obstetrics	1	0	1	2
Neurology	1	3	1	1
Clinical Biochemistry	4	3	1	0
Dental Medicine	0	0	3	3
Medical Pharmacology	0	8	1	0
Public Health	2	6	4	5
Together	15	28	26	26

Overview of performed dissertation tests

Name of the study program	daily form		external form	
	2020	2019	2020	2019
Anatomy, histology and embryology	2	0	2	3
Normal and pathological physiology	0	0	0	1
Internal Diseases	1	3	3	7
Epidemiology	0	1	1	3
Surgery	3	4	4	3
Gynaecology and Obstetrics	0	0	0	1
Neurology	1	0	2	1
Clinical Biochemistry	1	2	1	2
Dental Medicine	1	0	2	0
Medical Pharmacology	2	2	0	0
Public Health	6	1	1	2
Together	17	13	16	23

An overview of the defences made

Name of the study program	daily form	external form
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	2020	2019	2020	2019
Anatomy, histology and embryology	0	2	4	2
Normal and pathological physiology	3	0	1	2
Internal Diseases	1	5	5	0
Epidemiology	1	0	0	0
Surgery	3	1	3	2
Gynaecology and Obstetrics	0	1	1	2
Neurology	1	0	2	0
Clinical Biochemistry	2	1	1	2
Dental Medicine	0	0	2	0
Medical Pharmacology	0	3	0	1
Public Health	0	0	4	3
Together	11	13	24	14

Summary of the balance of PhD students (as of 31.10.2020)

Name of the study program	daily form		external form	
	2020	2019	2020	2019
Anatomy, histology and embryology	2	2	12	15
Normal and pathological physiology	1	2	5	9
Internal Diseases	13	12	21	24
Epidemiology	4	3	6	4
Surgery	11	13	22	23
Gynecology and Obstetrics	1	0	6	7
Neurology	5	6	5	5
Clinical Biochemistry	12	9	7	8
Dental Medicine	1	1	11	10
Medical Pharmacology	11	12	1	0
Public Health	13	17	16	18
Together	74	77	112	123

The priority of the UPJŠ Faculty of Medicine in the forthcoming period in the field of PhD studies

- Stabilization of PhD students in the daily form of PhD studies at clinical workplaces.
- Continuation of the implementation of the grant system for PhD students in the daily form of PhD studies and students of UPJŠ FM involved in SSA.
- Draft internal legislative standard of UPJŠ FM, on the basis of which successful PhD students of the daily form of PhD study at UPJŠ FM would be preferred in selection procedures for the positions of assistant professors at UPJŠ FM.

FURTHER TRAINING OF HEALTHCARE PROFESSIONALS

Legislation concerning the implementation of further education of health professionals:

Act no. 578/2004 Coll. on health care providers, health care workers, professional organizations in health care and on the amendment of certain laws.

Act no. 422/2015 Coll. on the Recognition of Evidence of Education and on the Recognition of Professional Qualifications and on Amendments to Certain Acts.

Act no. 18/2018 Coll. on the protection of personal data and on the amendment of certain laws.

Regulation of the Government of the Slovak Republic no. 296/2010 Coll. on professional competence for the exercise of the medical profession, the method of further education of medical staff, the system of specialized departments and the system of certified work activities, as amended.

Decree of the Ministry of Health of the Slovak Republic no. 31/2006 Coll. on the amount of reimbursement of the health worker for further education.

Decree of the Ministry of Health of the Slovak Republic no. 269/2011 Coll., which establishes models of diplomas on specialization, certificates and licences of preparation for work in health care.

Specialization study

As of December 31, 2020, UPJŠ FM had a total of 32 accredited specialized study programs:

- (24) for the medical profession doctor,
- (2) for the medical profession dentist,
- (4) for the medical profession nurse,
- (1) for the medical profession physiotherapist,
- (1) for the medical profession doctor, dentist, nurse.

Number of students enrolled in specialization studies at UPJŠ FM in Košice (as of 31.12.2020):

Medical profession doctor	1036
Medical profession dentist	21
Medical profession nurse	165
Medical profession physiotherapist	29
Together	1251

Number of diplomas issued on specialization at UPJŠ FM in Košice (as of 31.12.2020):

Medical profession doctor	71
Medical profession dentist	2
Medical profession nurse	54
Medical profession physiotherapist	0
Together	127

Certification preparation

As of 31 December 2020, UPJŠ FM has a total of 6 accredited certification study programs:

- (4) for the medical profession doctor,
- (2) for the medical profession dentist.

Number of students enrolled in certification training at UPJŠ FM in Košice (as of 31.12.2020):

Medical profession doctor	38
Medical profession dentist	108
Together	146

Number of certificates issued at UPJŠ FM in Košice (as of 31.12.2020):

Medical profession doctor	0
Medical profession dentist	61
Together	61

STUDENT ASSOCIATIONS

Association of medics of the city of Košice

This annual report on the activities of the civic association for 2020 resulted from the Accounting Act of the Slovak Republic, as amended. Special regulations do not impose an obligation on the civic association to provide additional information in the annual report.

1. Name and seat of the civic association compiling the annual report: The civic Association of medics of the city of Košice (hereinafter referred to as SMMK) was entered in the register of civic associations on October 21, 1996 (Register of civic associations of the Ministry of the Interior of the Slovak Republic), registered under registration number VVS / 1-909 / 90-228
2. Objective of the civic association according to the Register of Civic Associations: Youth
3. The purpose of the civic association according to the registered statutes of the civic association:
4. The aim of the association is to ensure spiritual development, full cultural and social life, as well as to increase the professional level of students and thus contribute to the enrichment of the personality of the future doctor
5. The average number of SMMK employees in 2020 was 0
6. List of members of the SMMK statutory bodies:
7. The statutory body of SMMK in 2020 was Anna Jenčová
8. SMMK management:

Anna Jenčová – president SMMK – appointment to office 6.10.2020 - Vice - President for Internal Communications - termination of office 6.10.2020

Adam Nedorožčík – president SMMK – termination of office 6.10.2020

Monika Čabrová – Vice-President for Internal Communications – termination of office 06.10.2020

Lule Tomiq – Vice-President for External Communications SMMK – termination of office 06.10.2020

Tomáš Petras – secretary SMMK – termination of office 06.10.2020

Martin Barnovský – secretary SMMK – appointment to office 06.10.2020

Dominika Lenková – head of the Children's Hope Club

Anna Jenčová – head of the Club of social activities

Samuel Pa'lo – Head of the Public Health Club

Karin Brandeburová – Head of the Reproductive Health Club

Barbora Macháčová – Head of the Medical Education Club

Karol Samek – Head of the Club of Foreign Activities

Dávid Adadedjan – Head of the Human Rights and Peace Club

SMMK's activities are divided into seven separate clubs. Within these clubs, SMMK members, under the leadership of the club leader, organize activities in their area. Some of the SMMK activities are not strictly assigned to one club, therefore these activities are administered by the SMMK management.

CHILDREN 'S HOPE CLUB (HEAD - DOMINIKA LENKOVÁ)

- Visits to the Children's University Hospital - program and games for hospitalized children, helping staff with feeding and changing babies

- Medics read fairy tales for all children - medics recorded 3 radio tales: Cat in Boots, Ugly Duckling and Christmas in the Forest and then on three Sundays in December, they published them on our fb pages and also sent them directly to DFN departments, where workers played them for children.

SOCIAL ACTIVITIES CLUB (HEAD – ANNA JENČOVÁ)

- Medikovica - thematic student party for the opening of the summer term
- Chill Wednesdays - relaxation evenings for members of the association in a federal room at Medická dorms, board games, team building

PUBLIC HEALTH CLUB (HEAD – SAMUEL PAĽO)

- AMR week - Preparation of an online campaign about AMR. The campaign included infographics about the disease, a video and a webinar.
- Immunization Week - a new project on vaccination, during which we informed the general public about important facts about vaccination through infographics on social networks, including a video with the head of the Department of Infectious Diseases and Travel Medicine, prof. MUDr. Pavol Jarčuška, PhD.
 - Mental Health Webinar - Preparation of an online mental health webinar in collaboration with ŠRVŠ. This webinar was professionally covered by PhDr. Martina Chylová, Ph.D. from the 1st Psychiatric Clinic of UPJŠ FM and UNLP.
- World diabetes day - Preparation of an online campaign on the occasion of WDD. The campaign included infographics on diabetes.
- World COPD Day - Preparation of an online campaign on the occasion of World COPD Day. The campaign included infographics about the disease and a nationally prepared podcast.

REPRODUCTIVE HEALTH CLUB (HEAD – KARIN BRANDEBUROVÁ)

- Movember - The basic activity was the so-called photo challenge in which anyone could participate. There were various prizes from several sponsors, which we managed to reach.
- Webinars on male health (part of the Movember project) - Focused on colorectal cancer, urinary tract infections in men and finally a webinar on infertility. At least one expert dealing with the issue was present in each webinar, and we also welcomed a special guest, Viktor Vincze, in the infertility webinar, who spoke about the issue from the patient's point of view.
- WAD - World AIDS Day - a campaign on HIV / AIDS, which took place on the SMMK Instagram

MEDICAL EDUCATION CLUB (HEAD – BARBORA MACHÁČOVÁ)

- GDPR in the practice of a doctor - workshop for medics on the protection of personal data of patients led by doc. JUDr. Hučková PhD. and her team: RNDr. JUDr. Sokola, PhD; JUDr. Treščáková and JUDr. Rózenfeldova.
- Internal propaedeutics workshop - an annual workshop was held this year as well, only in the online space. As usual, under the leadership of MUDr. Martin Vršek and MUDr. Lukáš Polák. Thanks to our coordinators and the helpfulness of the management of the Institute of Nursing, the workshop could take place in one of their rooms equipped with mannequins.
- CT case reports - students were able to improve in the description and evaluation of CT images
- ECG workshop - workshop for medical students, where students have the opportunity to learn a basic description of the ECG on specific examples
- Let's break the silence - in cooperation with the Martin Medics Club, students had the opportunity to learn the basics of sign language
- Dying is human - a project in cooperation with the Martin Medics Club (MKM), a friendly evening on the topic of dying from three different perspectives - medical (psychiatrist + pathologist), philosophical and religious. Each of the experts first presented their opinion on the topic and then space was set aside for questions from participants

- Bandage techniques workshop - for the 2nd year students, our new members prepared an online workshop, where they practically went through the individual bandaging techniques together.
- Medical quizzes - questions from various subjects alternated on the Instagram during the week (histology, pathology and others) for students from each year

FOREIGN ACTIVITIES CLUB (HEAD – KAROL SAMEK)

- Online selection procedure - national language test (in the form of an essay), recruitment of students for internships and compilation of the order for selection of internship places
- Signing of contracts for the provision of traineeships, online training of trainees

CLUB OF HUMAN RIGHTS AND PEACE (HEAD – DÁVID ADADEDJAN)

- IWD - students prepared a large information campaign about the rights of women and important women in our history, unfortunately due to the epidemiological situation, a prepared pub quiz on this topic could not take place
- Discussions on human rights topics - at the time of distance education, our students met regularly in a virtual space, where they led interesting discussions on various important topics.
- Victory Day over fascism - infographics about the importance of May 8
- Homeless not hopeless - basic medical treatment for the homeless, the event also won a significant award sTOPa 2020 for Top project
- International Day for the Elimination of Violence against Women - a 4-day online campaign aimed at raising awareness of violence against women. At the same time, a photo competition took place, which took place on the Instagram. There was also a discussion with MUDr. Silvia Farkašová Iannaccone on the topic of the Clinic of Violence, which focused on the clinical signs of violence that a doctor may encounter at any time and about which he should be informed and deliberately take note.
- Photo competition with CVrček Moldava - our members became the evaluators of the art competition for primary school children

OTHER EVENTS

- DOD UPJŠ - organizational assistance and presentation of SMMK activities
- NGA SloMSA - National General Assembly of the Slovak Association of Medical Students - March 2020 - online. Active participation of SMMK members in this event
- General Assembly March Meeting 2020 - Rwanda - Slovak representation as SloMSA delegates, active participation in the international event IFMSA (International Federation of Medical Student Associations)
- EuRegMe 2020 - European Regional Meeting - April 2020 - online - representation of Slovakia as SloMSA delegates, active participation in the international event IFMSA (International Federation of Medical Student Associations)
- General Assembly August Meeting 2020 - online - representation of Slovakia as SloMSA delegates, active participation in the international event IFMSA (International Federation of Medical Student Associations)
- NGA SloMSA - National General Assembly of the Slovak Association of Medical Students - October 2020 - online. Active participation of SMMK members in this event

THANKS FOR ASSISTANCE AND COOPERATION

We thank everyone who makes our work easier and allows us to devote ourselves to what we consider to be our role; all those who help us keep our computers, websites, premises running or help us directly when working with young people.

Special thanks go to all the volunteers without whom we would not be able to provide some of our activities; they are invaluable in all our activities.

Special thanks go to those who support SMMK financially, and thus contribute to the stability of our organization and services provided.

Thanks also go to all other one-time or regular donors.

The biggest thanks go to Pavel Jozef Šafárik University in Košice, as well as Pavel Jozef Šafárik University in Košice, Faculty of Medicine for tireless professional, spatial and financial assistance of SMMK.

PARTNERS

Strategic partners:

- University of Pavol Jozef Šafárik in Košice
- University of Pavol Jozef Šafárik in Košice, Faculty of Medicine
- Slovak Association of Medical Students (SloMSA)
- International Federation of Medical Student Associations (IFMSA)

NGO partners:

- Youth of the Slovak Red Cross, Košice-city territorial unit
- Košice Region Youth Council
- Regional Youth Center
- Association of student organizations of UPJŠ
- Slovak Association of Medical Students and Graduates (SAŠAP)
- Student Council of the Faculty of Science UPJŠ (ŠR FS)
- Student Council of the Faculty of Arts UPJŠ (ŠR FA UPJŠ)
- Student Parliament of the Faculty of Public Administration UPJŠ (ŠP FPA)
- Association of Košice pharmacy students (SKŠF)
- International Association of Veterinary Students (IVSA)
- Slovak Association of Dentistry Students (SSŽZL)
- European Law Students' Association (ELSA)
- Student Radio Košice (ŠtuRKO)
- ERAZMUS Student Network (ESN-KE)

Slovak Association of Dentistry Students

PREVENTIVE AND AWARENESS ACTIONS:

- Together for a healthy and beautiful smile - a unique nationwide prevention project focused on education in proper oral hygiene and pointing out the importance of oral health, in which we visited 19 Slovak cities and trained approximately 6,700 people
- World Healthy Gum Day - 11.5. in cooperation with the EDSA
- World Cavity - free Day - online campaign
- Be your own hero - Pink October
- November - a campaign for the physical and mental health of men
- World Antibiotic Awareness Week, in honor of which lectures were organized 19.11. (Prof. Ladislav Mirossay, MD, DrSc.) and 20.11. (PharmDr. Andrea Gažová, PhD.)
- Mikuláš - charitable activity for DORKA, n. o. Košice, Pomocník - Sered' and Children with cancer - Bratislava
- World AIDS Day - Online Awareness Campaign)
- I'll get vaccinated - online campaign - fb box

EDUCATIONAL EVENTS:

- III. SŠZL Congress - the third congress of the Slovak Association of Dentistry Students, organized by students of three medical faculties, which took place at the Jessenius Faculty of Medicine in Martin 14.- Feb 16, 2020
- Hypersensitivity and enamel loss - solution in practice - webinar with Colgate company
- Webinar with OralB - Mechanical and chemical plaque control
- University discussion - Gift vs. Bribery in the healthcare environment (Chamber of Medical Law)
- Pre-endodontics and other things to think about before endo-treatment - Roman Blahuta
- Internship of students at the Petramed Clinic

PUBLISHING ACTIVITIES:

- Summer issue of the federal magazine The Dental Times; available at: <https://www.flipgorilla.com/p/26675824929285351/show>
- Winter issue of the federal magazine The Dental Times; available at: <https://www.flipgorilla.com/p/26675824929277510/show#/26675824929277510/2>

ABROAD:

- Participation in international congresses and general assemblies of the Association of Dentistry Students (IADS) in Sarajevo, representation of UPJŠ FM and Slovak Republic

SOCIAL EVENTS:

- Online General Meeting – 2.8.2020
- We are all on the same boat - Dunajec Raft 26. - 28.8
- Local organization meeting – 23.9
- 1st Dental Counter Strike Tournament
- Dental tour - Cottage Hrešná – 11.10.2020
- 23rd General Meeting – 10.9.2020
- Online dental quiz

IV. INTERNATIONAL RELATIONS

New membership of workplaces and employees in international organizations and professional associations

Organizations, bodies, councils, associations	Name of department UPJŠ FM	additional membership information
Member of Scientific Board of European Committee and European President	Department of Infectious Diseases and Travel Medicine UPJŠ FM and UNLP	prof. MUDr. Pavol Jarčuška, PhD.
EAONO	Department of ENT and head and neck surgery UPJŠ FM and UNLP	prof. MUDr. Juraj Koval', CSc.MPH
President EUPHA – European Public Health Association; www.eupha.org	Department of Social and Behavioural Medicine UPJŠ MF	Mgr. Iveta Rajničová Nagyová, PhD.
Member of WHO Technical Advisory Group on Behavioural Insights and Sciences for Health	Department of Social and Behavioural Medicine UPJŠ MF	Mgr. Iveta Rajničová Nagyová, PhD.
Member of WHO/Europe Regional Director's Advisory Council on Innovation for Noncommunicable Diseases	Department of Social and Behavioural Medicine UPJŠ MF	Mgr. Iveta Rajničová Nagyová, PhD.
Member of European Commission Jury '2020 EU Health Award: Call on vaccination'	Department of Social and Behavioural Medicine UPJŠ MF	Mgr. Iveta Rajničová Nagyová, PhD.
Co-chair 16th World Congress on Public Health - WCPH2020 'Public health for the future of humanity: analysis, advocacy and action' Online event, 12–16 October 2020	Department of Social and Behavioural Medicine UPJŠ MF	Mgr. Iveta Rajničová Nagyová, PhD.
Member of International Scientific Committee 16th World Congress on Public Health 2020, 12–16 October 2020	Department of Social and Behavioural Medicine UPJŠ MF	Mgr. Iveta Rajničová Nagyová, PhD.

INTERNATIONAL SCIENTIFIC RESEARCH ACTIVITIES

International scientific research cooperation

International scientific research projects

Workplace	Number of ongoing projects in 2020	Number of new projects in 2020	Number of teachers/workers / Doctoral students involved in the cooperation	Source of finance	Receptions of foreign guests associated with projects in 2020 (number of guests and dates of their stay)
Department of Medical Informatics UPJŠ FM	1	0	3/0/0	International Visegrad Fund Grant No. 21830315	-
II. Department of Internal Medicine of UPJŠ FM and UNLP	1	0	2/0/0	EF CLIF consortium, Travessera de Gràcia, 11, 7 th floor, 08021 Barcelona (Spain)	0

Department of Health Psychology and Research Methodology UPJŠ FM	2	2	1/8/7	University in Groningen, Erasmus+, H2020, COST	3 hostia (5.-7.2.2020)
Department of ENT and head and neck surgery UPJŠ FM and UNLP	0	1	2	APVV – 0077- 11	Audiometric lingual tests (1.7.2012-31.12.2015)
	0	1	2	APVV-15-0492	Speech audiometry in the Romani language (1.7.-31.12.2019)
Department of Social and Behavioural Medicine UPJŠ FM	1	0	1/6/3	EU project: SCIROCCO-Exchange No. 826676; European Commission, DG SANTE - CHAFEA; 3 rd Health Programme	0
	1	0	1/6/3	PhD study programme; University Medical Centre Groningen, University of Groningen, Groningen, Netherlands	0
	0	1	1/2/0	COST Action CA19133 – Fostering and Strengthening Approaches to Reducing Coercion in European Mental Health Services (FOSTREN)	0
Department of Musculoskeletal and Sports Medicine, UPJŠ FM and AGEL Hospital Košice-Šaca, a. s.	1	0	3	without financial contributions	0
I. Department of Cardiology UPJŠ FM and VÚSCH, a. s.	1	0	5	Siemens Healthcare	0

International scientific research projects based on contractual cooperation

Workplace	Condition (Continuing completed new)	Partner institution Country	Type of cooperation	Number of teachers / staff / PhD students involved in the cooperation
Department of Cardiac Surgery UPJŠ FM and VÚSCH, a. s.	ongoing	Institut Mutualiste Montsouris, Paris, France, Emmanuel Lansac, MD, PhD	AVIATOR registry	3
	ongoing	Sorin Group Italia, Saluggia, Italy	Real life registry	3
Department of Experimental Medicine	ongoing	ProDigest BVBA, Belgium	Agreement on the use of SHIME technology	0/10/2

V. Scientific Research Activity

UPJŠ FM	ongoing	Faculty of Medicine, Uzhhorod National University, Ukraine	Agreement on mutual cooperation in preparation joint research projects and in the field of doctoral studies	10
Department of Children and Adolescents UPJŠ FM and DFN	ongoing	Medizinische Universität Innsbruck	Erasmus + programme A INNSBRU21 Mobility for learners and staff - Higher Education Student and Staff Mobility	0
Department of Dentistry and Maxillofacial Surgery UPJŠ FM and UNLP Department of Dentistry and Maxillofacial Surgery UPJŠ FM and Akadémia Košice, n.o.	ongoing	Dental clinic 1st Faculty of Medicine, University Charles University and General University Hospital in Prague	Anomalies and tumors of the orofacial area Regenerative medicine	3
	ongoing	University of Nantes	Anomalies and tumors of the orofacial area Regenerative medicine	3
	ongoing	University of Paris	Craniofacial anomalies	3
	ongoing	Uzhhorod national university	Regenerative medicine in the orofacial area and cooperation in pedagogy and teaching of dentistry	3
	ongoing	Wroclaw Medical University, Poland	Repair of oral tissue defects	3
	ongoing	Faculty of Medicine of the Czech Republic in Brno	Education and implementation interactive education in dentistry, research cooperation regenerative activities medicine	1
	ongoing	Palacky University in Olomouc	Modern E-learning education and implementation interactive education in dentistry, research cooperation regenerative activities medicine	1
	ongoing	Faculty of Medicine, Charles University in Pilsen	Regenerative medicine in the orofacial area and cooperation in pedagogy and teaching of dentistry	1

Department of Medical Physiology UPJŠ FM	ongoing	Johns Hopkins University Baltimore, USA	Introduction of interdisciplinary of the subject Sleep Medicine for undergraduate and graduate students. Project: 011UPJŠ-4/2016	4/2/1
	ongoing	Nacionalny Medičny Universtet IvanoFrankinsk, Ukrajina	Mutual visits, lectures at workplaces	0/0/1
IV. Department of Internal Medicine of FM UPJŠ and UNLP	ongoing	Konzorcium Met-Gen	A worldwide consortium focused on diabetes pharmacogenetics research	5/0/1
Department of Health Psychology and Research Methodology, FM, UPJŠ	ongoing	University of Groningen, Netherlands	Bilateral program cooperation agreement Youth & Health	1/6/5

Department of Medical Informatics UPJŠ FM	ongoing	University of Mining, Technical University Ostrava, Czech Republic University Hospital Ostrava, CR Technical University in Košice, SR	Co-ownership of a technical solution	1
Department of Neurology, UPJŠ FM and UNLP	ongoing	Member countries of the European Stroke Organization	Collaboration to improve stroke management	cannot be defined
	ongoing	European narcoleptic database	Creating a database of patients with narcolepsy	cannot be defined
	ongoing	University College London, UK, Karlova Univerzita, Praha, ČR Masarykova Univerzita, Brno, CR Semmelweis University, Budapest, Hungary University of Pecs, Hungary University of Katowice, Poland University of Brasov, Romania	Cooperation in genetic and clinical definition patients with Parkinson's disease within Central European Group on Genetics of Movement Disorders	cannot be defined
	ongoing	University College London, UK	Cooperation in proteomic analyzes in patients with prodromal Parkinson's disease	cannot be defined
	ongoing	Medical University of Vienna, Austria	Collaboration with pathological analyzes in patients with Parkinson's disease	3/0/0
	ongoing	DystonieNET (Netherlands, France, Ireland, Croatia)	Cooperation in improving patient care and information with dystonia	cannot be defined
	ongoing	International Parkinson and Movement Disorder Society	Cooperation in quality of life research in Parkinson's disease (QUALPD study)	cannot be defined

	ongoing	Melbourne University, Australia	Multiple sclerosis fellowship	2/0/0
	ongoing	St. Anne's University Hospital Brno, Czech Republic	"Stroke Care Quality", acronym IRENE - CA18118	2/0/0
Department of Social and Behavioural Medicine UPJŠ FM	ongoing	University of Groningen, Netherlands	The impact of biomedical and psychosocial factors on quality of life in patients with obstructive sleep apnoea, Research and PhD study	0/1/1
	ongoing	University of Groningen, Netherlands	Psychosocial and medical interventions for management of multimorbid patients with rheumatic diseases, Research and PhD study	0/1/1
	ongoing	University of Groningen, Netherlands	Return to work and sport after knee or hip arthroplasty	0/2/1
	ongoing	University of Groningen, Netherlands	Cardiovascular disease and mood disorders	0/2/2
II. Department of Internal Medicine of UPJŠ FM and UNLP	ongoing	EF CLIF, EASL, in Barcelona	Collaboration on clinical projects in the field of portal hypertension	2/2/0
I. Department of Cardiology UPJŠ FM and VÚSCH, a. s.	ongoing	USA	Development of 3D ultrasound imaging with Siemens Healthcare	3/0/0
Associated Tissue Bank	ongoing	Bioinova s.r.o. Czech Republic	Cooperation in the field of preparation of new products for cell therapy	0/5/0
Department of Angiology UPJŠ FM and VÚSCH, a. s.	ongoing	Division of Cardiology Cliniques Universitaires Saint-Luc (UCL), Brussels, Belgium	The European/International Fibromuscular Dysplasia Registry and Initiative (FEIRI)	3/0/0

INTERNATIONAL EDUCATION ACTIVITIES

International educational projects

Workplace	Project / program name	Solution period	responsible solver and number of teachers / staff / doctoral students involved in the cooperation	Source of project funding (ESF, Erasmus + ..)
Department of Medical Informatics UPJŠ FM	MediTec: Training for Medical Education via innovative eTechnology	10/2017 - 08/2021	doc. Ing. Jaroslav Majerník, PhD.	Erasmus+
	CLEVER: Case-based learning and virtual cases to foster critical thinking skills of students	09/2018 - 08/2021	doc. Ing. Jaroslav Majerník, PhD.	Erasmus+
	BCIME: Building Curriculum Infrastructure in Medical Education	09/2018 - 08/2021	doc. Ing. Jaroslav Majerník, PhD.	Erasmus+

Department of Health Psychology and Research Methodology FM UPJŠ	IMPACCT: IMProving PATient-centered Communication Competences: To build professional capacity concerning Health literacy in medical, nursing and paramedical education	9/2017 - 12/2020	Mgr. Peter Kolarčík, PhD. 1/0/0	Erasmus+
Department of Dentistry and Maxillofacial Surgery UPJŠ FM and UNLP	CLEVER: Case-based learning and virtual cases to foster critical thinking skills of students	09/2017 - 08/2020	doc. Ing. Jaroslav Majerník, PhD./ Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH 2 učítelia	Erasmus+
	BCIME: Building Curriculum Infrastructure in Medical Education	09/2017 - 08/2020	doc. Ing. Jaroslav Majerník, PhD./ Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH 2 učítelia	Erasmus+
Department of Health Psychology and Research Methodology FM UPJŠ	IMPACCT: IMProving PATient-centered Communication Competences: To build professional capacity concerning Health literacy in medical, nursing and paramedical education	9/2017 - 8/2020	Mgr. Peter Kolarčík, PhD. 1/0/1	Erasmus+

INTERNATIONAL MOBILITY

Accepted and posted teachers and university staff within the LLP / ERASMUS program

	2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018	2018/ 2019	2019/ 2020
Posted teachers - teaching	19	12	7	10	4	11	4
Posted teachers - university staff	8	15	14	14	36	63	25
Accepted teachers - teaching	12	7	5	3	5	2	0
Accepted teachers - university staff	0	0	0	1	10	7	6

Student mobility within the LLP / ERASMUS program study and internship

	2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018	2018/ 2019	2019/ 2020
Posted students study	26	31	30	35	28	28	24
Posted students - internship	20	44	38	38	38	41	12
Together	48	75	68	73	66	69	36
Admitted students' study	22	30	42	46	50	55	46
Admitted students - internship	6	9	13	9	3	6	7
Together	28	39	55	55	53	61	53

Student mobility within the Free Mover program

Student's name	City / Country	Arrival and departure date
Raffaele Marmo	Bari/ Italy	16.9.2019- 30.6.2020
Marco Stefanizzi	Bari/ Italy	16.9.2019- 30.6.2020

JOINT STUDY PROGRAMS TO GIVE DOUBLE DIPLOMAS

Field	Partner institutions / universities	Number of students (posted or admitted) for SS 2019/2020	Number of students (posted or admitted) for the IB 2020/2021	Number of diplomas awarded in 2020
Public Health	University of Groningen	3	0	0

FURTHER INTERNATIONAL COOPERATION*Participation of UPJŠ FM students in international events*

Workplace	Student's name	Study programme	Event	Country	Location
UPJŠ FM / SMMK	Ester Tomajková	GM	69 th General Assembly - March meeting 2020 - organized by IFMSA - International Federation of Medical Students' Associations	Rwanda	Participation
	Jana Eštoková	GM	69 th General Assembly - March meeting 2020 - organized by IFMSA - International Federation of Medical Students' Associations	Rwanda	Participation
	Tomáš Petras	GM	69 th General Assembly - March meeting 2020 - organized by IFMSA - International Federation of Medical Students' Associations	Rwanda	Participation
	Marek Tršo	GM	69 th General Assembly - March meeting 2020 - organized by IFMSA - International Federation of Medical Students' Associations	Rwanda	Participation
	Jakub Lenčěš	GM	69 th General Assembly - March meeting 2020 - organized by IFMSA - International Federation of Medical Students' Associations	Rwanda	Participation
UPJŠ FM /SSŠZL	Katarína Vendel'ová	DM	IADS mid-year meeting	Bosna a Hercegovina	Participation

International events organized at UPJŠ FM

2013	2014	2015	2016	2017	2018	2019	2020

Conference	10	3	7	5	1	1	9	2
Workshop	0	3	2	1	2	1	7	0
The course	1	2	2	3	0	1	3	0

International event at UPJŠ FM

Workplace	Event type	Event name	Area of focus	Estimated% representation foreign participants	Regular event (Yes No)
Department of Gynaecology and Obstetrics, UPJŠ FM	conference with international participation	16. December 2020 XXIX. Schwarz day	Gynaecology and obstetrics	20 %	yes
Department of Children and Adolescents, UPJŠ FM and DFN	conference with international participation	36th conference of the Department of Children and Adolescents UPJŠ FM and DFN with international participation and XII. Diamonds' day October 22, 2020, Košice, In the form of a webinar	Paediatrics	20 %	yes

Travel of UPJŠ FM employees abroad

Travel type	Number of employees travelled							
	2013	2014	2015	2016	2017	2018	2019	2020
conference	260	263	222	321	300	343	420	28
study / research stays	54	54	49	49	59	40	41	8
other	79	69	74	102	84	109	101	26
Together	393	386	345	472	527	492	562	62

Trips of UPJŠ FM students abroad

Travel type	Number of PhD students and students travelled							
	2013	2014	2015	2016	2017	2018	2019	2020
conference	44	21	26	18	31	41	64	11
study / research stays	107	91	122	76	130	110	117	51
Together	151	112	148	94	161	151	181	62

Travel type	Number of students arrived							
	2013	2014	2015	2016	2017	2018	2019	2020
conference				130	0	0	0	0
study / research stays				55	107	109	100	57
Together	85	68	88	185	107	109	100	57

V. SCIENTIFIC RESEARCH

RESEARCH INFRASTRUCTURE

Scientific research capacity of UPJŠ employees (average recalculated numbers)

		FM	FS	FL	FPA	FA	TIP	BZ	UTVaŠ
teachers	prep. count	327	140	49	29	112	2	1	11
	VV chap. (Tis. hr)	327	140	49	29	112	2	1	11
research staff (With university education)	prep. count	55	54	8	0,6	4	8,5	0	0
	VV chap. (Tis. hr)	110	108	16	1	8	17	0	0
Together	prep. count	382	193	57	20	116	11	1	11
	VV chap. (Tis. hr)	431 (427)*	247 (242)*	65 (63)*	30 (31)*	120 (137)*	19 (20)*	1 (1)	11 (13)*

* Data from 2019 are given in brackets for comparison

Recalculated numbers of employees not involved in the solution of any scientific project.

Category	count
Professors + research staff	5,80
Associate professors	8,28
Assistants of professor	43,00
Together	57,08

Qualification structure of UPJŠ creative employees by position (data in natural persons as at 31 December 2020)

	University teachers				
	Professor*	Associate Professor *	Assistant of professor CSc./PhD.	Assistant of professor + assistant without CSc./PhD.	University teachers together *
FM	48 (4)	48	224	117	437
FA	32 (16)	49 (1)	65		146
FL	7	19	21	4	51
FPA	2	10	17		29
FA	15 (4)	29 (1)	68	2	114
UP (BZ + UTVaŠ + TIP)	4 (2)	2	7	1	14
Together	108 (26)	157 (2)	402	124	791 (28)

* The number with the scientific rank of D.Sc. is given in brackets

	Research staff					
	head of scientific worker VKS I * (D.Sc.)	independent scientific VKS IIa employee (CSc. /PhD.)	scientific worker VKS IIb (CSc. /PhD.)	researcher without CSc. /PhD.	professional technical worker without CSc. /PhD.	research total employees *
FM		25	27	13	3	68
FA	2 (2)	24	28	15	2	71
FL	1 (1)		12			13
FPA			1			1
FA			4			4
UP (BZ + UTVaŠ +TIP)		1	8	1		10
Together	3 (3)	50	80	29	5	167 (3)

* The number with the scientific rank of D.Sc. is given in brackets

Qualification structure of UPJŠ creative employees by title (data in natural persons as at 31 December 2020)

	University teachers				
	Professor*	Associate Professor *	Assistant of professor CSc. /PhD.	Assistant of professor + assistant without CSc. /PhD.	Together
FM	47	73	200	117	437
FA	32	50	64		146
FL	7	19	21	4	51
FPA	2	10	17		29
FA	16	29	67	2	114
UP (BZ + UTVaŠ +TIP)	4	2	7	1	14
Together UPJŠ	108	183	376	124	791

New holders of scientific-pedagogical titles, scientific ranks and VKS

Professor:

prof. MUDr. František Sabol, PhD., MPH, MBA, mim. prof.

Department of Habilitation Proceedings and Inauguration Proceedings: **surgery**

Inaugural lecture: **Surgical treatment of rare diseases of the thoracic aorta in adulthood**

Inaugural proceedings, VR UPJŠ FM: 1.10.2019

VR UPJŠ in Košice: 8.11.2019

Title: 14.7.2020

prof. PhDr. Anna Bérešová, PhD.

Department of Habilitation Proceedings and Inauguration Proceedings: **social work**

Inaugural lecture: **Risks and consequences of the profession of social worker**

Inaugural proceedings, VR VŠZaSP sv. Alžbety, n.o. in Bratislava: 1.10.2019

Title: 14.7.2020

Associate Professor:

doc. MUDr. Mária Rašiová, PhD.

Department of Habilitation Proceedings and Inauguration Proceedings: **internal diseases**

Habilitation lecture: **Challenges and limitations in the treatment of abdominal aortic aneurysms**

Habilitation thesis topic: Clinical aspects of selected dilatation and stenotic arterial diseases and their treatment

Defense of habilitation thesis, VR UPJŠ FM: 24.3.2020

Title: 22.6.2020

doc. MUDr. Martina Zavacká, PhD., MPH

Department of Habilitation Proceedings and Inauguration Proceedings: **surgery**

Habilitation lecture: **Comprehensive procedures in care of vascular access in patients undergoing dialysis**

Habilitation thesis topic: Influence of health literacy and care on patient survival during renal replacement therapy

Defense of habilitation thesis, VR UPJŠ FM: 6.10.2020

Title: 23.10.2020

doc. MUDr. Martin Janičko, PhD.

Department of Habilitation Proceedings and Inauguration Proceedings: **internal diseases**

Habilitation lecture: **A comprehensive look at advanced liver cirrhosis**

Habilitation thesis topic: Peculiarities of pathogenesis and prognosis of liver cirrhosis from a clinical point of view

Defense of habilitation thesis, VR UPJŠ FM: 6.10.2020

Title: 23.10.2020

doc. MUDr. Vladimír Sihotský, PhD.

Department of Habilitation Proceedings and Inauguration Proceedings: **surgery**

Habilitation lecture: **Surgical treatment of abdominal aortic aneurysms**

Habilitation thesis topic: The role of carotid endarterectomy in the prevention and treatment of stroke

Defense of habilitation thesis, VR UPJŠ FM: 8.12.2020

Title: 18.12.2020

doc. MUDr. Eva Feketeová, PhD.

Department of Habilitation Proceedings and Inauguration Proceedings: **neurology**

Habilitation lecture: **Hypocretin deficiency in narcolepsy and its causes**

Habilitation thesis topic: **Hypocretin-deficient narcolepsy: a multifactorial disease**

Defense of habilitation thesis, VR UPJŠ FM: 8.12.2020

Title: 18.12.2020

doc. MUDr. Slavomír Perečinský, PhD.

Department of Habilitation Proceedings and Inauguration Proceedings: **internal diseases**

Habitation lecture: **Occupational lung diseases**

Habitation thesis topic: Occupational asthma and occupational rhinitis in interrelated context

Defence of habitation thesis, VR UPJŠ FM: 8.12.2020

Title: 18.12.2020

D.Sc.: was not granted

PhD.:

Mgr. Diana Tokárová, PhD.

Field of study: General Medicine

Study programme: **normal and pathological physiology**

Dissertation topic: **Relationship of sleep-disordered breathing to musculoskeletal function**

Dissertation defence, place: 16.1.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 16.1.2020, UPJŠ in Košice

MUDr. Alžbeta Blichárová, PhD.

Field of study: General Medicine

Study programme: **anatomy, histology and embryology**

Dissertation topic: **Histopathological, immunofluorescence and electron microscopic manifestations of diabetic nephropathy**

Dissertation defence, place: 5.6.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 5.6.2020, UPJŠ in Košice

MUDr. Dorota Sopková, PhD.

Field of study: General Medicine

Study programme: **anatomy, histology and embryology**

Dissertation topic: **Morphological findings in the lungs of premature and full-term neonates**

Dissertation defence, place: 30.6.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 30.6.2020, UPJŠ in Košice

MUDr. Anna Ťrgeová, PhD.

Field of study: General Medicine

Study programme: **internal diseases**

Dissertation topic: **Genotype-dependent monitoring of the effect of DPP-4 inhibitor therapy**

Dissertation defence, place: 6.7.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 6.7.2020, UPJŠ in Košice

MUDr. Martina Gáborová, PhD.

Field of study: General Medicine

Study programme: **normal and pathological physiology**

Dissertation topic: **Glycaemic variability in gestational diabetes mellitus in relation to sleep-disordered breathing**

Dissertation defence, place: 19.8.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 19.8.2020, UPJŠ in Košice

MUDr. Ľudmila Verbóová, PhD.

Field of study: General Medicine

Study programme: **anatomy, histology and embryology**

Dissertation topic: **Histological and immunohistochemical study of malignant melanoma of the skin with marked manifestations of spontaneous regression**

Dissertation defence, place: 21.8.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 21.8.2020, UPJŠ in Košice

MDDr. Eleonóra Ivančová, PhD.

Field of study: dental medicine

Study programme: **dental medicine**

Dissertation topic: **Synchronization of jaw and sledge growth activities**

Dissertation defence, place: 24.8.2020, UPJŠ in Košice, Faculty of Medicine

Award of an academic degree: 24.8.2020, UPJŠ in Košice

MUDr. Dominik Šafčák, PhD.

Field of study: General Medicine

Study programme: **internal diseases**

Dissertation topic: **Prognostic aspects of hepatocellular carcinoma treatment**

Dissertation defence, place: 25.8.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 25.8.2020, UPJŠ in Košice

MUDr. Dominika Jarčušková, PhD.

Field of study: General Medicine

Study programme: **neurology**

Dissertation topic: **Cognitive dysfunction factors in patients with epilepsy**

Dissertation defence, place: 25.8.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 25.8.2020, UPJŠ in Košice

MUDr. Vladimír Haň, PhD.

Field of study: General Medicine

Study programme: **neurology**

Dissertation topic: **Non-motor symptoms in patients with dystonia**

Dissertation defence, place: 25.8.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 25.8.2020, UPJŠ in Košice

MVDr. Veronika Bednárová, PhD.

Field of study: General Medicine

Study programme: **epidemiology**

Dissertation topic: **Endoparasitic infections in immunocompromised cancer patients**

Dissertation defence, place: 27.8.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 27.8.2020, UPJŠ in Košice

RNDr. Veronika Benetinová, PhD.

Field of study: General Medicine

Study programme: **normal and pathological physiology**

Dissertation topic: **Use of inflammatory biomarkers in the diagnosis of respiratory allergies**

Dissertation defence, place: 28.9.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 28.9.2020, UPJŠ in Košice

MUDr. Simona Ujházi, PhD.

Field of study: General Medicine

Study programme: **internal diseases**

Dissertation topic: **Phenotypic manifestations of polycystic ovary syndrome and their relation to hormonal and metabolic parameters**

Dissertation defence, place: 19.11.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 19.11.2020, UPJŠ in Košice

MUDr. Norbert Leško, PhD.

Field of study: General Medicine

Study programme: **neurology**

Dissertation topic: **Surgical versus endovascular treatment of carotid arteries in the prevention of ischemic stroke**

Dissertation defence, place: 25.11.2020, UPJŠ in Košice Faculty of Medicine

Award of an academic degree: 25.11.2020, UPJŠ in Košice

Scientific qualification level IIa.: was not awarded

Number of employees involved without PhD degree to PhD studies: 46

Emeritus professors at the faculty:

prof. MUDr. Július Vajó, DrSc.
prof. MUDr. Andrej Bőör, CSc.
prof. MUDr. Jozef Kafka, DrSc.

Reintegrated workers or other researchers who are funded from funds outside the state subsidy:

MUDr. Jaroslav Rosenberger, PhD.
Mgr. Shoshana Chovan
Mgr. Slavomíra Gulová
RNDr. Lucia Homol'ová, PhD.
RNDr. Lívia Kolesár Fecskeová, PhD.
RNDr. Hedviga Košuthová, PhD.
Ing. Jana Papíková
Mgr. Miriam Slavkovská, PhD.
MUDr. Barbara Ivanková
MUDr. Hana Juhášová
Mgr. Marián Jendrichovský, PhD.
MUDr. Miriam Polanová, PhD., MPH
Ing. Henrieta Salokyová Mgr.
Vladimíra Timková, PhD.

Post-PhD students:

Mgr. Daniela Husárová, PhD.
Mgr. Jaroslava Kopčáková, PhD.

Average. recalculated number: **10,96**

Science prizes, resp. other awards and honours obtained by UPJŠ FM employees for research results

doc. et. doc. PhDr. Magdaléna Hagovská, PhD. - Cert. MDT, The Prize for Scientific and Professional Literature for 2019 in the category of biological and medical sciences, for the work "Cognitive and physical training of seniors with mild cognitive deficits", was awarded by the Literary Fund, Section for Scientific and Professional Literature, 24.9.2020

doc. MUDr. Peter Takáč, PhD., mim. prof. - Senior Fellow of European Board of Physical and Rehabilitation Medicine UEMS

doc. MUDr. Matej Škorvánek, PhD. - award for the best-case study SNeS

doc. MUDr. Milan Kuchta, CSc., mim. prof. - Award for the best book publication of the Slovak Pediatric Society in 2019, Pediatrics I. and II., 3rd edition, Herba, Bratislava 2019

MUDr. Jana Figurová, PhD. - Publication Prize for the best-case report, "Severe hyoosmolar hyopnatremia in a young woman", III. Case studies in internal medicine, 02/2020

Ličák Ľ, Figurová J., Urdzík P., Lazúrová I.: „It's not too late in the seventies “- expert jury award for the best-case study, 2nd place, III. Case studies in internal medicine, 02/2020

prof. MUDr. Ivica Lazúrová, DrSc., FRCP - elected as a member of the Presidium of the Slovak Medical Society

MUDr. Mgr. René Hako, PhD., MHA, MPH, MBA - Award for the best professional publication, 3rd place, from the Slovak Gastroenterological Society for publication: „Noninvasive Assessment of Liver Fibrosis in Patients with Chronic Hepatitis B or C by Contrast - Enhance Magnetic Resonance Imaging“, authors Hako R., Kristian P., Jarčuška P., Haková I., Hockicková I., Schréter I. a Janičko M., published in Canadian Journal of Gastroenterology and Hepatology Volume 2019, Article ID 3024630, 8 pages

prof. MUDr. Vincent Nagy, PhD., MPH - Slovak Medical Society, Medal of the founding of the Medical-Slowan Society

Mgr. Iveta Rajničová Nagyová, PhD. became President of EUPHA in 2020 – European Public Health Association; organization for national public health associations in Europe. She was elected at the EUPHA Governing Board meeting by secret ballot of EUPHA member organizations: <https://eupha.org/executive-council>

Mgr. Iveta Rajničová Nagyová, PhD. became a member of the WHO Advisory Committee in 2020. Technical Advisory Group on Behavioural Insights and Sciences for Health. <https://www.who.int/our-work/sciencedivision/behavioural-insights/TAG-on-behavioural-insights-and-sciences-for-health-biographies>

Mgr. Iveta Rajničová Nagyová, PhD. became a member of the WHO / Europe Advisory Committee on Non-Communicable / Chronic Diseases (NCDs) in 2020. Regional Director's Advisory Council on Innovation for Noncommunicable Diseases. <https://www.euro.who.int/en/about-us/regional-director/news/news/2020/12/whoeurope-forms-ncdadvisory-council-to-inspire-and-reform-prevention-and-management-of-ncds>

Mgr. Iveta Rajničová Nagyová, PhD. was selected in 2020 as a member of the 7-member Jury of the European Commission "2020 EU Health Award: Call on vaccination". The Commission was composed of representatives of prestigious international organizations and institutions: EC DG SANTE, RTD, EAC; WHO, OECD, UNICEF. Dr. I. Rajničová Nagyová was chosen as the EUPHA representative; https://ec.europa.eu/health/award/call_vaccination_en

Mgr. Iveta Rajničová Nagyová, PhD. was elected Co-Chair in 2020 of (CoChair)16th World Congress on Public Health - WCPH2020 „Public health for the future of humanity: analysis, advocacy and action“ Online event, 12 - 16 November 2020; <https://wcpH2020.com>

MUDr. Dagmar Breznoščáková, Ph.D. In 2020, the Association for the Protection of Patients' Rights (AOPP) accepted the proposal of the all-Slovak association ODOS for an award in the category "My doctor"; Otvorme Dvere, Otvorme Srdcia (odos-sk.com)

doc. MUDr. Tatiana Kimáková, PhD. - Special Prize for 2nd place in the poster section during the conference Days of Practical Obesity and Metabolic Syndrome (July 16, 2020 - July 18, 2020, Demänovská Valley)

Fábryová L., Holéczy P a kol. - Award of the Slovak Diabetological Society for the work "Diabetes: Diabetes and Obesity - Inseparable Twins", Štrbské Pleso, 2020

Fábryová L., Holéczy P a kol. - Prize of the Literary Fund for Scientific and Professional Literature for the year 2019 in the category of biological and medical sciences for the work "Diabetes: Diabetes and Obesity - Inseparable Twins", Bratislava, 2020

MUDr. Silvia Farkašová Iannaccone, PhD., P. Vasovčák, MUDr. Dorota Sopková, PhD., P. Švajdler, R. Dettmeyer, A. Rampazzo, MUDr. Daniel Farkaš - Arrhythmogenic Ventricular Cardiomyopathy Associated with Fibromuscular Dysplasia of Ostial Right Main Coronary Artery. American Journal for Forensic Medicine and

Pathology, 2019, 40 (2):183-187. ISSN 0195-7910, Prize for the best publication in 2019 awarded by the Slovak Forensic Society of the Slovak Medical Society in 2020

Anna Ťrgeov, Martin Javorsk, Lucia Klimakov, Jozef idzik, Jn alagovi, Jaroslav A Hubcek, Pavlina Doubravov, Ivana Gotthardov, Milan Kvapil, Terezie Peliknov, Ivan Tk, Alena Stanakov Yaluri - Boehringer Ingelheim Award and the Slovak Diabetological Society for the publication "Genetic variants associated with glycaemic response to treatment with dipeptidyl peptidase 4 inhibitors" in the journal Pharmacogenomics (21: 317-323, 2020).

OUTPUTS OF SCIENTIFIC RESEARCH ACTIVITIES AND OTHER SCIENTIFIC RESEARCH ACTIVITIES

Statistics of categories of publishing activities of the Faculty of Medicine for the year 2020 (data as of 18.3.2021)

AAB - Scientific monographs published by domestic publishers	6
ABA - Studies of the nature of a scientific monograph in journals and collections published by foreign publishers	1
ABC - Chapters in scientific monographs published by foreign publishers	5
ABD - Chapters in scientific monographs published by domestic publishers	7
ACB - University textbooks published by domestic publishers	7
ACD - Chapters in university textbooks published by domestic publishers	10
ADC - Scientific papers in foreign scientific journals	129
ADD - Scientific papers in domestic scientific journals	2
ADE - Scientific papers in other foreign journals	41
ADF - Scientific papers in other domestic journals	116
ADM - Scientific papers in foreign journals registered in the Web of Science or SCOPUS databases	54
ADN - Scientific papers in domestic journals registered in the Web of Science or SCOPUS	22
AEC - Scientific works in foreign peer-reviewed scientific proceedings, monographs	15
AED - Scientific works in domestic peer-reviewed scientific proceedings, monographs	42
AFB - Published invited papers at domestic scientific conferences;	3
AFC - Published papers at foreign scientific conferences	3
AFD at domestic scientific conferences	22

AFE - Abstracts of invited A Published papers from foreign scientific conferences	4
AFF - Abstracts of invited papers from domestic scientific conferences	2
AFG - Abstracts of papers from foreign scientific conferences	19
AFH - Abstracts of papers from domestic scientific conferences	41
BBB - Chapters in professional book publications published by domestic publishers	5
BCI - Scripts and textbooks	7
BCK - Chapters in textbooks	9
BDC - Professional work in foreign journals	3
BDE - Professional work in other foreign magazines	3
BDF - Professional work in other domestic magazines	65
BDN - Professional papers in domestic journals registered in the Web of Science or SCOPUS databases	1
BEE - Professional works in foreign collection (conference and non-conference)	2
BEF - Professional work in domestic collection (conference and non-conference)	17
BFA - Abstracts of professional works from foreign events (conferences ...)	4
BFB - Abstracts of professional works from domestic events (conferences ...)	16
DAI - Dissertation and habilitation works	25
FAI - Book compilations (bibliographies, encyclopaedias, catalogues, dictionaries, collections, atlases ...)	2
GHG - Works published in a way that allow mass access	1
GII - Various publications and documents that cannot be included in any of the previous categories	6
Together	717

Statistics of LF responses for the year 2020 (data as of 18.03.2021)

[1] Citations in foreign publications registered in citation indexes Web of Science and in the SCOPUS database	3858
[2] Citations in domestic publications registered in citation indexes Web of Science and in the SCOPUS database	11
[3] Citations in foreign publications not registered in citation indexes	84
[4] Citations in domestic publications not registered in citation indexes	19
[5] Reviews in foreign publications	1
Together	3973

TITLES PUBLISHED AT THE FACULTY

1.	M. Frankovičová a kol.	Chirurgia tepnožilových spojení pre potreby dlhodobej hemodialýzy
2.	M. Vidová Ugurbas	Plastic Surgery
3.	K. Rimárová a kol.	Celiakia
4.	P. Berek	Chirurgická liečba cerebrovaskulárnej insuficiencie

5.	Z. Dankulinová a kol.	Cesta labyrintom: Dospievajúci s emocionálnymi problémami a problémami...- grafika
6.	E. Mechírová, I. Domoráková	Praktikum z histológie
7.	E. Mechírová, I. Domoráková	Histology - Practical lessons
8.	S. Perečinský	Profesionálne ochorenia respiračného systému
9.	I. Babinská, M. Halánová	Návody na praktické cvičenia z epidemiológie
10.	J. Firment a kol.	Anesteziológia a intenzívna medicína
11.	I. Domoráková	Mikroskopická anatómia pre odbor zubného lekárstva
12.	I. Hodorová	Ultrasound Anatomy 1
13.	E. Slabá a kol.	Biológia - praktické cvičenia
14.	M. Frankovičová a kol.	Komplexné riešenie dialyzovaných pacientov
15.	M. Mareková	Lekárska biochémia-semináre
16.	J. Mihalik a kol.	Topografická pitva hornej a dolnej končatiny
17.	M. Pallayová	Textbook of Practical Physiology I
18.	A. Kováčová, P. Šalamon	The Basic of Graeco-Latin Medical Terminology
19.	S. Rybárová a kol.	Anatómia pre nelekárske zdravotnícke odbory
20.	I. Hodorová a kol.	Pracovný zošit z anatómie
21.	M. Hagovská a kol.	Praktická kinezioterapia
22.	M. Mareková a kol.	Základy lekárskej klinickej a laboratórnej biochémie
23.	R. Beňačka	Folia Medica Cassoviensia 2/2019
24.	D. Pella	Ateroskleróza 1-2/2020
25.	D. Pella	Ateroskleróza 3-4/2020
26.	S. Dražilová, L. Gombošová, M. Janičko, L. Skladaný, E. Veseliny	Vybrané kapitoly z hepatológie a gastroenterológie
27.	A. Boleková	23. KOŠICKÝ MORFOLOGICKÝ DEŇ
28.	S. Mišíková	Poruchy srdcového rytmu
29.	A. Boleková a kol.	HOW TO STUDY AND NOT FORGET - Principles of brain-compatible learning
30.	A. Boleková a kol.	AKO SA UČIŤ A NEZABÚDAŤ – Princípy mozgovo-kompatibilného učenia
31.	P. Berek	Chirurgická liečba cerebrálnych insuficiencií
32.	J. Varga	Základy onkogynekológie
33.	E. Dosedla	Laparoskopická hysterektómia
34.	E. Dosedla	Ultrazvuková charakteristika jazvy po cisárskom reze
35.	Z. Dankulinová a kol.	Cesta labyrintom: Dospievajúci s emocionálnymi problémami a problémami v správaní v systéme starostlivosti
36.	M. Mareková	Clinical Biochemistry

37.	J. Diabelková	Stručný online prehľad základných pojmov a skratiek v Hygiene a vo Verejnom zdravotníctve
38.	M. Kozárová	Novinky v diabetológii a lipidológii
39.	R. Suchanová, L. Dimunová	Komunikácia v zdravotníckej praxi

EMPLOYEES IN JOURNAL EDITORIAL BOARDS

Folia Medica Cassoviensia:

2 issues in 2020, doc. MUDr. Roman Beňačka, CSc., mim. prof.: Chairman of the Editorial Board

Ateroskleróza

2 double issues 1-2/2020, 3-4/2020 prof. MUDr. Daniel Pella,

PhD.: editor in chief

doc. MUDr. M. Kuchta, CSc., mim. prof.: deputy editor-in-chief

Česko-Slovenská Pediatrie:

8 issues in 2020 doc. MUDr. M. Kuchta, CSc., mim. prof.: deputy editor-in-chief

Pediatrica (Bratislava): 6 čísel v r. 2020 doc. MUDr. Veronika Vargová, CSc.: member of the

editorial board doc. MUDr. M. Kuchta, CSc., mim. prof.: člen redakčnej rady doc. MUDr. M.

Kuchta, CSc., mim. prof.: professional proofreader

Laboratórna diagnostika:

2 issues in 2020

Doc. MUDr. Oliver Rácz, CSc.: professional editor

Bratislavské lekárske listy:

12 issues in 2020 prof. MUDr. Ladislav Mirossay, DrSc.: scientific editor

Athero Review:

3 Issues in 2020 prof. MUDr. Daniel Pella, PhD.: editor - in - chief

Kardiológia pre prax: 4 issues in 2020 prof. MUDr. Daniel Pella, PhD.: member of the

editorial board

Praktická medicína:

4 Issues in 2020 prof. MUDr. Daniel Pella, PhD.: member of the editorial board

Vaskulárna medicína:

2 Issues in 2020

prof. MUDr. Daniel Pella, PhD.: member of the editorial board

Fórum diabetologicum:

3 Issues in 2020

prof. MUDr. Daniel Pella, PhD.: member of the editorial board

SCIENTIFIC EVENTS

JUNE 2020

9th NEONATOLOGY CONFERENCE IN KOŠICE

Date: 8th – 12th June 2020
Congress Venue: Live stream
Organizing subjects: Non-profit organisation NOVORODENEC.SK
Faculty of Medicine, Pavol Jozef Šafárik University in Košice
Open Medical Institute - American Austrian Foundation
Slovak Medical Chamber
Coordinator: Peter Krcho MD., PhD.
Congress Language: English
Note: Programme

OCTOBER 2020

36. CONFERENCE OF THE CLINIC FOR CHILDREN AND ADOLESCENTS OF UPJŠ LF and DFN

XII. Démants' day

Date: 22nd October 2020
Place: Košice, webinar
Organizing subjects: Slovak Pediatric Society
Children's University Hospital Košice
Faculty of medicine UPJŠ in Košice
Department of Children and Adolescents,
FM, UPJŠ and DFN Košice
Coordinators: doc. MUDr. Veronika Vargová, PhD.
Note: Programme

NOVEMBER 2020

14th INTERNATIONAL SCIENTIFIC CONFERENCE ON PROBIOTICS, PREBIOTICS, GUT MICROBIOTA AND HEALTH – IPC 2020

Date: 11th November 2020 (virtual)
Organizing subjects: CLS Consulting Ltd.
Pavol Jozef Šafárik University in Košice,
Faculty of Medicine,
Institute of Experimental Medicine
Coordinator: Alojz Bomba, MVD. DrSc.
Congress Language: English
Web: <http://www.probiotic-conference.net>

6. CEEA

Date: 23. – 25. Nov. 2020
Place: Online via MS Teams
Organizing subjects: [Slovak centre CEEA](#)
European Society of Anesthesiology

Slovak Society of Anesthesiology and Intensive Care
1st Department of Anaesthesiology and Intensive Care, UPJŠ FM and
UNLP Košice
Society for the Critically Ill at I. KAIM
Coordinator: MUDr. Štefan Trenkler, PhD., Slovenské centrum CEEA
Note: Programme

DECEMBER 2020

XXIX. SCHWARZ' DAY

Date: 17th December 2020
Form: Teleconferencing through the program ZOOM
Organizing subjects: Slovak Gynecological and Obstetrical Society SLS
UPJŠ in Košice, Faculty of Medicine
Coordinator: prof. MUDr. Alexander Ostró, CSc., MBA
Web a registration: <https://sgps-kongres.sk/schwarzovden/>
Note: Programme

Institute of Social and Behavioural Medicine UPJŠ FM in Košice

Name: **What next with primary disease prevention during a pandemic?**
Organisers: Prevention Forum
Date and place: 26.11.2020 at 09:30 – 10:00, online briefing
26.11.2020 at 10:30 – 12:00, online round table discussion
Number of participants: 20 / Representatives of the Ministry of Health of the Slovak Republic (State Secretary, Reform Agenda Section (Behavioral and Experimental Team), Department of Public Health, Screening and Prevention), employers and NGOs
Cooperation: Z. Katreniaková as a professional guarantor of the Prevention Forum, she presented the results of a survey among general practitioners, the aim of which was to identify the biggest barriers to primary prevention (also in the time of COVID-19) and to find out what would help general practitioners the most.

Name: **16th World Congress on Public Health 2020 / Workshop: 22.B - "Behavioural insights and public health "**
Organizers: World Federation of Public Health Associations (WFPHA), European Public Health Association (EUPHA), Italian Society of Hygiene, Preventive Medicine and Public Health (SIItI)
Date and place: Online event, 12 – 16 October 2020 CET | 15 Oct 2020·15:45 – 16:45
Number of participants: 75 (foreign)
Cooperation: I. Nagyová is the president of the European Public Health Association (EUPHA), a member of the IBTN and a member of the WHO EACHR
Conference website: <https://wcph2020.com/>
Publication: Workshop abstracts are published in European Journal of Public Health 2020, 30, Issue suppl_5, ckaa165.1072, <https://doi.org/10.1093/eurpub/ckaa165.1072>

I. Department of Dentistry UPJŠ FM and UNLP in Košice

Name: **XIX. Stomatologické dni Košice**

Organizing Committee: MUDr. Jozef Ivančo, CSc., Dr.h.c.prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Jana Kaiferová, PhD., prof. MUDr. Neda Markovská, CSc., MUDr. Jozef Minčík, PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Silvia Timková, PhD., Mgr. Juliana Tomková
Date and place: 9. - 10.9.2020 - Social pavilion, Tr.SNP no.61, Košice Number of participants: 200

Department of Anatomy, UPJŠ FM in Košice

23rd KOŠICE MORPHOLOGY DAY. May 2020. Proceedings of scientific works. E-publication online. Doc. MUDr. Adriana Boleková, Ph.D. (ed.).

<https://unibook.upjs.sk/sk/medicina/1347-kosicky-morfologicky-den>

Institute of Medical Physiology and Sleep Laboratory of UPJŠ FM in Košice

- Lecture at the webinar of the Slovak Diabetological Society held on April 21, 2020 live stream webinar. Author Donič. Name: Current possibilities of ventilation treatment in a patient with COVID-19.

Institute of Nursing UPJŠ FM in Košice

Alexander Dubček University of Trenčín in Trenčín, International Scientific Virtual Conference: Nursing and Health October 8, 2020 in Trenčín

University of Health and Social Work St. Elizabeth in Bratislava, International Scientific Conference: Evidence-Based Practice in Assisting Professions, 13 November 2020 Michalovce

Technical University of Liberec, Faculty of Medical Studies, Conference of non-medical disciplines: Multidisciplinary cooperation in non-medical health disciplines, December 9, 2020, Liberec, Czech Republic

International Scientific Conference of Doctoral Students and Assistant Professors: QUAERE 2020, June 22 - 26, 2020, Hradec Králové, Czech Republic.

Department of Gerontology and Geriatrics UPJŠ FM and UN - Hospital of St. Michala, a. with. in Kosice

- co-organizer of the Congress of the Slovak Gerontological and Geriatric Society, Štrbské pleso, May 2020, 150 participants, 10 foreign participants
- co-organizer of the Days of Practical Obesity and Metabolic Sy., 11.-13.6.2020, Chopok, Slovakia, 155 participants, 12 foreign p.
- MUDr. Peter Olexa, PhD. as a co-organizer of XXV. Congress of the Slovak Society of Cardiology, distance form, 23.-30.11.2020, Bratislava, Slovakia, 780 participants, 12 foreign

Department of Infectious Diseases and Travel Medicine UPJŠ FM and UNLP in Košice

doc. MUDr. Pavol Kristian, Current treatment of hepatitis B and its direction, webinar Trends in hepatology in 2020, 26.11.2020, <https://www.slovhep.sk/verejnost/clanok/69-webinar1-trendy-v-hepatologii-v-roku-2020>

I. department of internal medicine of UPJŠ FM and UNLP in Košice

- 43rd Endocrinological Days with International Participation, October 22-24, 2020, Horný Smokovec, High Tatras, number of participants 300, .organizer: prof. MUDr. I. Lazúrová, DrSc., FRC - President of the Congress.
- 3rd Case Studies in Internal Medicine and Cardiology, Žilina, 5.-6.2.2020 - event organizer and chairman of the program committee, prof. MUDr. Ivica Lazurova, DrSc., FRCP.
- New Year's Rheumatology Seminar, January 24 - 25, 2020, Košice, number of participants: 130 co-organizers, Doc. MUDr. Ž. Macejová, PhD., Mim.prof.
- 22. 01. – 24. 01. 2020: XXV. Year of Gastroforum 2020, Štrbské Pleso - co-organizer - MUDr. L. Gombošová, Ph.D. 300 participants

Department of Children and Adolescents, UPJŠ FM and DFN in Košice

13th Pediatrics Case Festival, Žilina Holiday Inn, 12 - 13 June 2020, 500 participants, Organizers: DFN Košice, CLC Consulting

Department of Geriatrics and Nursing UPJŠ FM and VŠOÚG sv. Lukáša, n.o. in Kosice

- XXXV. Congress of SHS and Conference of PS preventive cardiology SKS, 2020, Bratislava Implemented for the pandemic situation at the end of the year virtually

Department of Neurology, UPJŠ FM and UNLP in Košice

2nd Kosice hand-on (virtual) school of Movement Disorders, Kosice, 19.-20. november 2020

Organizator: doc. MUDr. Matej Škorvánek, PhD

Co-organizers – MUDr. Vladimír Haň PhD, MUDr. Alexandra Mosejová, MUDr. Kristína

Kulcsárová, MUDr. Miriam Ostrožovičová, MUDr. Joaquim Ribeiro Ventosa

Domestic participants - 87

Foreign participants - 4 (2x Czech Republic, 1x UK, 1x Germany)

Doc. MUDr. Jarmila Szilasiová, PhD

Main organizer:

1. Online seminar Sclerosis multiplec and COVID-10, which took place 19.10. 2020- 30.10.2020 (place: www.medicinskyportal.sk) under the guarantee of SNeS, Multiple Sclerosis Section SneS, Department of Neurology JLF and UN Martin and Department of Neurology UPJŠ FM and UNLP Košice, Content: 5 lectures, Presenting: prof. Jarčuska Pavol, prof. Kurča Egon, MUDr. Vitková Marianna, Doc. Szilasiová Jarmila, Mgr. Grossmann Ján.

Co-organizer:

1. 7th year of the SM School: Voff-line Webinar 29.6.- 29.12.2020, organizers: Multiple Sclerosis Section of the Slovak Neurological Society (SNeS), under the auspices of the Slovak Medical Society, Department of Neurology, Faculty of Health Sciences, University of Prešov in Prešov and University Hospital with JA Polyclinic Reimana Prešov,

MUDr. Eva Feketeová, PhD

Courses and webinars:

20-21. 1. 2020 Epileptology - basic III - full-time

Organized by NK UPJŠ and UNLP Košice, organizer: E. Feketeová

17.6.2020 Autoimmune encephalitis - webinar with international participation - Department of Neurology 2.LF UK and FN Motol orof. MUDr. P. Marusič, Ph.D., MUDr. M. Elišák

Organized by NK UPJŠ and UN LP Košice, organizers: E. Feketeová, Z. Gdovinová, M. Fedičová

30.9.2020 Epilepsy- ON-LINE discussion case study seminar

Organized by NK UPJŠ and UNLP Košice, organizers: E. Feketeová, B. Hofericová, G. Rivera

Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

Regional seminar of the Košice region

Management - diagnosis and treatment of patients with sudden stroke (meeting of neurological and radiological departments)

Organizer: Department of Neurology, Faculty of Medicine, UPJŠ and UNLP Košice

Guarantor: Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

Place: Marathon Hotel Hall, Bačikova ul., Košice, 30.9.2020

Regional seminar of the Prešov region

Management - diagnosis and treatment of patients with sudden stroke (meeting of neurological and radiological departments)

Organizer: Department of Neurology, Faculty of Medicine, UPJŠ and UNLP Košice

Guarantor: Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

Place: Patriot Hotel Hall, Vranov nad Topľou, 9/29/2020

SCIENTIFIC RESEARCH, R&D PROJECTS AND TASKS AND SOLVED FINANCIAL RESOURCES PROJECTS

Scientific research projects and solved tasks

Serial number proj.	Project type and identification number	Responsible project leader	Name of the project	The beginning of the solution project (month / year)	The end of the solution project (month / year)	Volume of financial resources provided resources (in thousands of €)
Department of Anatomy UPJŠ FM						
1.	KEGA 019UPJŠ4/2018	doc. MUDr. Adriana Boleková, PhD.	New subject at medical faculty: "Methods of Effective Learning"	01/2018	12/2020	6.083
2.	VEGA 1/0173/19	doc. MVDr. Jozef Mihalik, CSc.	The effect of entacapone administration on antioxidant status and reproductive parameters of rat males	01/2019	12/2022	8.761
3.	VVGS-2020-1460	MUDr. Janka Vecanová, PhD.	Production of educational videos for studying skull in Human Anatomy (making a video atlas of human skull)	07/2020	06/2021	2.000
together						16.844
Department of Epidemiology UPJŠ LF						
4.	VEGA 1/0084/18	prof. MVDr. Monika Halánová, PhD.	Genetic analysis of selected new and emerging pathogens with zoonotic potential in animals and humans.	01/2018	12/2021	11.569
5.	PP-COVID-20-0064	prof. MVDr. Monika Halánová, PhD.	Prevalence study of herd immunity SARS-CoV-2 in the population of Eastern Slovakia.	09/2020	12/2021	81.310
together						92.879
Department of Experimental Medicine UPJŠ LF						
6.	APVV-16-0176	MVDr. Alojz Bomba, DrSc. / RNDr. Izabela Bertková, PhD.	Targeted modulation of gut microbiota and its transplantation in prevention and treatment of inflammatory bowel diseases	07/2017	06/2021	30.686 (74.496)

7.	VEGA 1/0519/18	Mgr. Ľuboš Ambro, PhD.	Isolation and advanced characterization of new probiotic microorganism with potential for use in biomedicine and biotechnology	01/2018	12/2021	8.483
8.	VVGS-2019-1223	RNDr. Jana Štofilová, PhD.	Introduction and validation of advanced molecularbiology based approaches for bacterial taxa quantitation in gut microbiome research	07/2019	10/2020	0.000
9.	VVGS-20191226	Mgr. Ľuboš Ambro, PhD.	Introduction and validation of advanced molecularbiology based approaches for bacterial taxa quantitation in gut microbiome research	07/2019	12/2020	0.000
10.	OP II 313011V336 Drive4SIFood	MVDr. Alojz Bomba, DrSc./ MVDr. Ladislav Strojny, PhD.	Demand-oriented research for sustainable and innovative foods, Drive4SIFood	07/2019	06/2023	0.000
11.	VEGA 1/0393/20	MVDr. Alojz Bomba, DrSc. / RNDr. Jana Štofilová, PhD.	Relationship between adherent and immunomodulatory properties of probiotic lactobacilli and the functionality and integrity of the intestinal barrier in inflammatory bowel diseases	01/2020	12/2023	16.842
12.	VVGS-20201506	RNDr. Anna Kamlárová, PhD.	Gut Microbiome in Relation to Inflammatory Diseases and Colon Cancer: Training to Reach State-of-the-art	07/2020	06/2021	3.000
13.	OP II 313012T288	MVDr. Emília Hijová, PhD.	Functional foods for a healthy life (T 288)	10/2020	05/2023	0.000
together						59.011* (102.821)
Department of Pharmacology						
14.	VEGA 1/0753/17	prof. MVDr. Ján Mojžiš, DrSc.	Effect of natural compounds on tumour microenvironment	01/2017	12/2020	20.225
15.	APVV-16-0446	prof. MVDr. Ján Mojžiš, DrSc.	Cell interactions in the tumour microenvironment and their pharmacological modulations	07/2017	06/2021	62.280

16.	VEGA 1/0673/19	PharmDr. Marek Šarišský, PhD.	Analysis of SLAMF receptors expression in B-cell chronic lymphoproliferative disorders as potential new diagnostic markers and targets for novel anticancer drugs	01/2019	12/2021	12.018
17.	VEGA 1/0653/19	RNDr. Martin Kello, PhD.	Lichen secondary metabolites: promising modulators of tumour microenvironment?	01/2019	12/2022	18.271
together						112.794
Department of Medical and Clinical Biophysics						
18.	COST CA16122	doc. RNDr. Ján Sabo, CSc.	Biomaterials and advanced physical techniques for regenerative and neurology	03/2017	09/2021	0.000
19.	OP II 313011V446 LISPER	doc. RNDr. Ján Sabo, CSc.	Integrative strategy in the development of personalized medicine of selected cancers and its impact on quality of life	09/2019	06/2023	0.000
20.	VEGA 1/0196/20	RNDr. Ivan Talian, PhD.	Application of proteomic analysis of distal human fluids for determination of temporomandibular joint disorders and evaluation of treatment effect by intra-articular application of hyaluronic acid	01/2020	12/2022	10.386
21.	APVV-19-0476	doc. RNDr. Ján Sabo, CSc.	Innovative strategy to breast cancer diagnostics and therapy based on changes in proteome of circulating leukocytes	07/2020	06/2024	23.703
together						34.089
Department of Medical and Clinical Biochemistry						
22.	COST CA15203	RNDr. Beáta Čižmarová, PhD.	Mitochondrial mapping: Evolution - Age - Gender - Lifestyle - Environment	09/2016	02/2021	0.000
23.	VEGA 1/0559/18	doc. RNDr. Janka Vašková, PhD.	Study of the onset and progression of periodontitis using the latest molecular-biochemical methods	01/2018	12/2020	13.984
24.	VEGA 1/0620/19	doc. RNDr. Miroslava Rabajdová, PhD.	The use of innovative molecular - biochemical methods in the diagnosis of non - perceptive endometrium in the process of in vitro fertilization.	01/2019	12/2021	17.450

25.	VVGS-20191302	RNDr. Ivana Špaková, PhD.	Innovation of Teaching of Practical exercises of Medical Chemistry for foreign Students of GM and DM	11/2019	10/2020	0.000
26.	VVGS-20191303	RNDr. Lukáš Smolko, PhD.	Inovation of practical exercises from medical chemistry	11/2019	10/2020	0.000
27.	VEGA 1/0333/20	doc. RNDr. Vladimíra Tomečková, PhD.	Tear fluid and saliva in preventive, predictive and personalized medicine	01/2020	12/2022	8.937
28.	VEGA 1/0540/20	doc. Mgr. Peter Urban, PhD.	Study of selected biomarkers of the origin and progression of CNS demyelinating diseases	01/2020	12/2022	13.565
together						53.936
Department of Medical and Clinical Microbiology						
29.	VVGS-20191300	RNDr. Katarína Čurová, PhD.	Introduction of effective microbiologic diagnostics of hypervirulent strains Clostridioides difficile	11/2019	04/2021	3.000
together						3.000
Department of Medical Biology						
30.	VEGA 1/0536/19	doc. RNDr. Peter Solár, PhD.	The role of erythropoietin receptor in the response of mammary adenocarcinoma cells to paclitaxel in vitro and in vivo	01/2019	12/2022	20.843
together						20.843
Department of Medical Physiology						
31.	VEGA 1/0218/18	RNDr. Martin Bona, PhD.	Development of diaschisis in the remodelation process of nerve tissue after ischemic brain damage.	01/2018	12/2020	6.896
32.	VEGA 2/0029/18	RNDr. Martin Bona, PhD.	The role of glutamate transporters of blood cells in ischemic tolerance	01/2018	12/2020	1.518
33.	VEGA 1/0008/20	doc. RNDr. Pavol Švorc, CSc.	Chronobiological aspects of sex differences after episodes of central apnoea and reoxygenation in an experimental rat model of general anaesthesia	01/2020	12/2022	2.825
together						11.239

Department of Medical Informatics						
34.	Erasmus+ 585980-EPP-12017-1-DE-EPPKA2-CBHE-JP	doc. Ing. Jaroslav Majerník, PhD.	Training for Medical education via innovative eTechnology (MediTec)	10/2017	10/2020	8.809
35.	ERASMUS+, 2018-1-SK01KA203-046318	doc. Ing. Jaroslav Majerník, PhD.	Building Curriculum Infrastructure in Medical Education (BCIME)	09/2018	08/2021	101.272
36.	ERASMUS+, 2018-1-RO01KA203-049412	doc. Ing. Jaroslav Majerník, PhD.	Case-based learning and virtual cases to foster critical thinking skills of students (Clever).	09/2018	08/2021	22.340
37.	KEGA 011UPJŠ-4/2019	doc. Ing. Jaroslav Majerník, PhD.	Increasing of competences and critical thinking level in students of medical study programs using simulation tools of Problem-Based	01/2019	12/2021	12.510
together						144.931
Department of Health Psychology and Research Methodology						
38.	APVV-15-0012	doc. Mgr. Zuzana Dankulincová, PhD.	Psychosocial development of children with emotional and behavioural problems in the system of care - longitudinal study.	07/2016	12/2020	29.593
39.	APVV-16-0490	MUDr. Jaroslav Rosenberger, PhD.	How to use health literacy profiles in improvement of chronic disease management.	07/2017	06/2021	56.764
40.	Erasmus+ 2017-1-NL01KA203-035290	Mgr. Peter Kolarčík, PhD.	IMPACCT: Improving Patient-centered Communication Competences: To build professional capacity concerning Health literacy in medical, nursing and paramedical education	09/2017	08/2020	12.306
41.	Other foreign grants 2019/948409-0	prof. Mgr. Andrea Madarasová Gecková, PhD.	To support Health Behaviour in School-aged Children study in 2019/2020	05/2019	02/2020	4.955

42.	VVGS-2019-1069_Zelko	PhDr. Ivana Skoumalová	Secondary prevention among dialysis patients: aspects of physical activity, quality of life and applicability of exercise programme in dialysis centres	07/2019	05/2021	0.000
43.	APVV-18-0070	prof. Mgr. Andrea Madarasová Gecková, PhD.	Generation Z - new challenges in youth development	07/2019	06/2023	45.474* (52.506)
44.	VEGA 1/0177/20	doc. Mgr. Zuzana Dankulinová, PhD.	Mapping the trajectory and experiences of adolescents with emotional and behavioral problems in the care system: opportunities for improvement from the perspective of adolescents and their parents	01/2020	12/2023	6.457
45.	Other domestic grants UPJŠ-40/2020	prof. Mgr. Andrea Madarasová Gecková, PhD.	Agreement for co-operation in the Research Programme „Youth & Health“ UPJS in Košice and UMCG	01/2020	12/2023	15.000
46.	APVV-19-0493	doc. Mgr. Zuzana Dankulinová, PhD.	Research on early childhood in marginalized Roma communities: contextual factors of psychomotor development in the first 1000 days.	07/2020	06/2024	46.998
47.	VVGS-20201444	prof. Mgr. Andrea Madarasová Gecková, PhD.	PURE Spreading scientific excellence to improve the health of vulnerable groups	07/2020	06/2021	3.000
48.	COST CA19113	prof. Mgr. Andrea Madarasová Gecková, PhD.	The European Researchers' Network Working on Second Victims	09/2020	09/2024	0.000
together						220.547* (227.579)
Department of Social and Behavioural Medicine						
49.	APVV-15-0719	Mgr. Iveta Rajničová Nagyová, PhD.	Longitudinal research on psychosocial innovations in chronic condition management.	07/2016	12/2020	24.953

50.	Other foreign grants 826676	Mgr. Iveta Rajničová Nagyová, PhD.	SCIROCCO Exchange	01/2019	08/2021	0.000
51.	VEGA 1/0372/20	MUDr. Zuzana Katreniaková, PhD.	Utilizing eco-social and behavioural interventions in preventing the burden of caregivers for people with Alzheimer's disease	01/2020	12/2022	16.191
together						41.144
Department of Public Health and Hygiene						
52.	KEGA 007UPJŠ-4/2018	doc. MUDr. Kvetoslava Rimárová, CSc.	Application of Innovative Multimedia Approaches in Physical Factor Learning Using an Exposure Model for Healthcare Students	01/2018	12/2020	10.400
53.	KEGA 005UPJŠ-4/2019	doc. MVDr. Tatiana Kimáková, PhD.	Analysis of lifestyle risk factors of university students and University of third age students	01/2019	12/2021	2.763
54.	VVGS-20191221	doc. MUDr. Kvetoslava Rimárová, CSc.	E-learning explaining current global demographic, health and social trends for medical faculty students	11/2019	10/2020	0.000
55.	KEGA 008UPJŠ-4/2020	prof. Mgr. MUDr. Erik Dorko, PhD., MPH, MBA	Multimedia Technology in Teaching Studies of Cardiovascular Risk and Population Health for University Students Using Free Software Applications	01/2020	12/2022	14.117
56.	VVGS-20191356	doc. MVDr. Tatiana Kimáková, PhD.	Implementation of e-learning courses in the study program Medicine at the University of the Third Age at UPJŠ in Košice	01/2020	01/2021	2.000
57.	VVGS-20191383	Mgr. Jana Diabelková, PhD.	E-learning Innovation in Teaching Hygiene and Public Health through Online Learning Scripts	01/2020	01/2021	1.999
58.	VVGS-20201485	doc. MUDr. Kvetoslava Rimárová, CSc.	Implementation of e-learning preventive interventions in the education of medical and paramedical disciplines	07/2020	06/2021	2.000
59.	VVGS-20201662	Mgr. Jana Diabelková, PhD.	E-learning innovation of teaching the subject Hygiene of children and adolescents	11/2020	10/2021	1.999

						together	35.278
Department of Gynaecology and Obstetrics							
60.	VEGA 1/0873/18	doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof.	Biomarkers of human embryo development and endometrial receptivity in women with multiple implantation failures	01/2018	12/2020	11.713	
61.	KEGA 026SPU- 4/2018	prof. MUDr. Alexander Ostró, CSc., MBA	Aplication of embryotechnologies in animal and human assisted reproduction	01/2018	12/2020	3.235	
						together	14.948
Department of Surgery							
62.	VEGA 1/0319/20	MUDr. Tomáš Vasilenko PhD.	Development of active wound dressings based on hydrogels containing plant extracts promoting wound healing in healthy and diabetic rats	01/2020	12/2023	18.686	
						together	18.686
1st Department of Surgery							
63.	KEGA 022UPJŠ- 4/2018	prof. MUDr. Jozef Radoňak, CSc., MPH	Structuralization of laparoscopic surgical skills acquisition in pregraduate training	01/2018	12/2020	18.614	
64.	VEGA 1/0622/20	prof. MUDr. Jozef Radoňak, CSc., MPH	Study of molecular and metabolomic profile of breast carcinoma	01/2020	12/2023	20.880	
						together	39.494
1st Department of Internal Medicine							
65.	MZ SR 2019/32- UPJŠ-4	prof. MUDr. Ivica Lazúrová, DrSc., FRCP	Early diagnosis of cardiovascular damage using new hormonal biomarkers (Biomarkery)	10/2019	12/2021	21.533	
						together	21.533

1st Department of Cardiology						
66.	VEGA 1/0769/19	prof. MUDr. Peter Mitro, PhD.	Humoral mechanisms of vasovagal syncope and other forms of orthostatic intolerance	01/2019	12/2021	9.645
67.	KEGA 007UPJŠ- 4/2020	prof. MUDr. Ingrid Schusterová, PhD.	Childhood obesity: Etiopathogenesis, diagnosis and treatment.	01/2020	12/2022	10.867
together						20.512
2nd Department of Surgery UPJŠ FM						
68.	VVGS-2020-1648	doc. MUDr. Jozef Belák, PhD.	Ischemic model of gastric graft survival in the construction of oesophageal-gastro anastomosis	11/2020	10/2021	0.000
together						0.000
2nd Department of Internal Medicine, UPJŠ FM and UNLP						
69.	APVV-16-0211	prof. MUDr. Peter Jarčuška, PhD.	Computer-Aided Decision Support System for Hepatic Encephalopathy	07/2017	05/2021	21.988
70.	SHS_SLS_24- 193033/019	MUDr. Sylvia Dražilová, PhD.	The association between the metabolic syndrome and primary biliary cholangitis	04/2020	04/2021	5.000
together						26.988
2nd Department of Cardiology UPJŠ FM and VÚSCH, a. s.						
71.	APVV-17-0550	prof. MUDr. Daniel Pella, PhD.	Determinants of increased cardiovascular risk and their prognostic significance analysed by machine learning in the detection of highrisk individuals	08/2018	06/2022	43.657* (61.777)
together						43.657* (61.777)
4th Department of Internal Medicine UPJŠ FM and UNLP						

72.	MZ SR 2019/29-UPJŠ-1	MUDr. Miriam Kozárová, PhD.	Monitoring of selected gene variants and proteomic markers in patients with mental disorders as a contribution to personalized treatment. (DepDemGen)	10/2019	12/2021	17.381
73.	VEGA 1/0183/20	prof. MUDr. Ivan Tkáč, PhD.	Investigation of the genomic and proteomic markers of the progression of atherosclerosis of lower limb and carotid arteries in type 2 diabetes	01/2020	12/2023	20.932
74.	VVGS-2020-1494	doc. MUDr. Norbert Lukán, PhD.	Allergic inflammation and obesity	07/2020	06/2021	3.000
together						41.313
Department of Vascular Surgery UPJŠ FM and VÚSCH, a.s.						
75.	VVGS-2020-1486	Koplovets Ivan, CSc.	Detection of predictors of stroke in patients with internal carotid artery stenosis	07/2020	06/2021	3.000
together						3.000
Department of Dermatovenerology UPJŠ FM and UNLP						
76.	313012R720 Eridok	MUDr. Janette Baloghová, PhD.	Elimination of the risk of coherent radiation effects in dermatological procedures	12/2020	11/2021	0.000
together						0.000
Department of Gerontology and Geriatrics						
77.	VEGA 1/0780/19	Mgr. MUDr. Štefan Tóth, MBA, PhD.	Utilization of analysis of anamnestic, biochemical, socioeconomic results and genetic analysis in optimizing the screening of patients with familial hypercholesterolemia in Slovakia	01/2019	12/2022	14.992
together						14.992
Department of Infectology and Travel Medicine						

78.	APVV-18-0171	doc. MUDr. Pavol Kristian, PhD.	Importance of novel hepatitis B biomarkers for risk stratification and treatment management of patients with chronic HBV infection	07/2019	12/2022	46.6074* (79.105)
79.	MZ SR 2019/35-UPJŠ-6	prof. MUDr. Pavol Jarčuška, PhD.	Factors Associated with the Use of Fecal Microbiota Transplant in Patients with Clostridioides difficile Infections (Transfec)	10/2019	12/2021	62.878
80.	PP-COVID-200036	prof. MUDr. Pavol Jarčuška, PhD.	Electrochemical virus detection	09/2020	12/2021	58.960* (238.407)
together						168.445* (380.390)
Department of Orthopaedics and Traumatology of Locomotory Apparatus						
81.	VEGA 1/0598/20	doc. MUDr. Marek Lacko, PhD.	Analysis of serum and synovial biomarkers of osteoarthritis in correlation with clinical results after intra-articular administration of autologous platelet-rich plasma in patients with knee osteoarthritis	01/2020	12/2022	7.681
together						7.681
Department of Pneumology and Phtiseology						
82.	VEGA 1/0220/17	MUDr. Pavol Pobeha, PhD.	Cardiovascular parameters and systemic inflammation in patients with respiratory insufficiency and effect of non-invasive ventilation	01/2017	12/2020	18.346
83.	APVV-16-0158	doc. MUDr. Pavol Joppa, PhD.	Obesity, Sleep Apnoea, Obesity-Hypoventilation Syndrome: Effects of Hypoxia on Cardiovascular Outcomes in Obesity and Associated Respiratory Diseases and their Modulation by Therapy	07/2017	06/2021	51.674 * (57.167)
together						70.020 * (75.513)
Department of Occupational Medicine and Clinical Toxicology						

84.	APVV-17-0017	prof. MUDr. Ľubomír Legáth, PhD.	Toxicological activities of snake venoms of the selected species	08/2018	06/2022	3.125
together						3.125
Department of Stomatology and Maxillofacial Surgery						
85.	KEGA 014UPJŠ-4/2018	MUDr. Adriana Petrášová, PhD.	E-learning modern education and implementation of interactive education in therapeutic dentistry	01/2018	12/2020	15.148
together						15.148
Department of Traumatology						
86.	VVGS-20201643	MUDr. Rastislav Burda, PhD.	Application of remote postconditioning in operative treated malleolar fractures	11/2020	10/2021	2.550
together						2.550
Department of Neurology						
87.	VEGA 1/0057/18	doc. MUDr. Jarmila Szilasiová, PhD.	Neurofilaments and miRNA analysis in relationship with diagnosis, phenotype, activity and treatment responsivity in multiple sclerosis	01/2018	12/2020	12.148
88.	VEGA 1/0380/19	prof. MUDr. Z. Gdovinová, CSc.	The relationship of the risk factors to stroke and cognitive impairment.	01/2019	12/2021	10.960
89.	VEGA 1/0596/19	doc. MUDr. Matej Škorvánek, PhD.	Identification and validation of new biomarkers of prodromal Parkinson's disease in a large cohort of patients with idiopathic REM-sleep behaviour disorder	01/2019	12/2021	17.787
90.	APVV-18-0547	doc. MUDr. Matej Škorvánek, PhD.	Novel biomarkers of prodromal Parkinson's disease	07/2019	06/2023	63.564
together						104.459
Associated Tissue Bank						

V. Scientific Research Activity

91.	APVV-17-0118	MVDr. Ján Rosocha, CSc.	Exosomes derived from mesenchymal stem cells as potential alternatives to stem cell therapy for treatment of osteoarthritis	08/2018	06/2022	68.396
92.	VEGA 1/0229/20	RNDr. Tímea Špaková, PhD.	Examining the effect of human mesenchymal stem cells derived exosomes on inflammatory chondrocytes in order to compare the effectiveness of cell and cell-free therapy in OA treatment	01/2020	12/2022	13.220
					together	81.616
TOGETHER						1 544.702 * (1 831.102)

* Inflow of funds after deduction of funds determined by the partner; the amount in brackets represents the total inflow of funds for the project.

GRANTS AND STRUCTURAL FUNDS

In 2020, 56 domestic grants, 18 scientific internal university grant schemes, 7 foreign projects were solved at the UPJŠ Faculty of Medicine, 3 employees were involved in COST actions, 3 projects were solved within the public call of the Ministry of Health of the Slovak Republic, 5 ESIF projects (in 1 project, the Faculty of Medicine of UPJŠ acts as a member of the consortium), participation in the Resident Program continued, and 1 grant was approved by the Slovak Hepatological Society.

Domestic grants

In 2020, the creative employees of the UPJŠ Faculty of Medicine solved 56 projects supported by domestic grant schemes in the following structure:

- 30 VEGA projects, of which 12 starting in 2020,
- 9 KEGA projects, of which 2 with the beginning of the solution in 2020,
- 15 APVV projects (general call), of which 2 with the beginning of the solution in 2020,
- 2 APVV projects (PP-COVID 2020 program), both projects with the beginning of the solution in 2020.

Employees of the UPJŠ Faculty of Medicine received funds in the total amount of € 1,532,080 for projects for the solution of domestic research projects in 2020:

- VEGA 392 211 €,
- KEGA 93 737 €,
- APVV VV (general call):
 - A total of € 726,415, after deducting the amount earmarked for partners of € 619,462,
 - Distribution of funds according to the position of UPJŠ FM in the project:
 - FM UPJŠ principal solver: together 885 019 €,
 - FM UPJŠ partner: together 25 113 €,
- APVV (PP-COVID 2020 program) € 319,717, of which € 136,000 for capital expenditures and € 183,717 for current expenditures, after deducting the amount earmarked for partners, the amount received represents € 140,270, of which € 20,000 for capital expenditures and € 120,270 for current expenses.

In 2020, the Slovak Society of Hepatology approved the grant application of MUDr. Sylvia Dražilová from II. Department of internal medicine of UPJŠ FM and UNLP, while the support provided was € 5,000. The aim of the project is to determine how the presence of metabolic syndrome affects the clinical course of primary biliary cholangitis and cardiovascular risk in this disease.

VVGS UPJŠ

UPJŠ supports the research potential of creative workers and PhD students and offers them the opportunity to participate in the UPJŠ Internal Scientific Grant System in Košice. Of the total number of projects in this scheme, 18 projects were solved at UPJŠ FM and the subsidy obtained in 2020 was € 27,548.00.

Foreign projects

In 2020, 3 foreign projects were implemented within the Erasmus + scheme at the Institute of Medical Informatics UPJŠ FM under the leadership of doc. Ing. Jaroslav Majerník, PhD. Another project in this scheme was successfully solved by the Institute of Health Psychology and Research Methodology, where the lead researcher was Mgr. Peter Kolarčík, Ph.D.

Prof. Mgr. Andrea Madarasová Gecková, PhD. was the leading solver of the following foreign projects:

- To support Health Behaviour in School-aged Children study in 2019/2020,
- Agreement for co-operation in the Research Programme „Youth & Health“ UPJS in Košice and UMCG.

An important project at the UPJŠ Faculty of Medicine was the ongoing SCIROCCO Exchange No. 826676, which was obtained in the EC scheme CHAFEA HP-PJ-2018 and the national coordinator was Mgr. Iveta Rajnicova Nagyova, PhD.

COST Actions

Within the COST program, which is intended for European cooperation in science and technology, the researchers from FM UPJŠ were involved in the following COST events:

- CA15230 - RNDr. Beáta Čížmárová, PhD. (Department of Medical and Clinical Biochemistry UPJŠ FM),
- CA16122 - doc. RNDr. Ján Sabo, CSc., mim. prof. (Department of Medical and Clinical Biochemistry UPJŠ FM),
- CA19133 - prof. Mgr. Andrea Madarasová Gecková, PhD. (Department of Health Psychology and Research Methodology UPJŠ FM).

Grants of the Ministry of Health of the Slovak Republic

In 2020, 3 projects continued, which were approved within the public call of the Ministry of Health of the Slovak Republic in the field of healthcare for the purposes of research and development in heading 4. Innovative means of medical technology:

- 2019/32-UPJŠ-4, Early diagnosis of cardiovascular disease using new hormonal biomarkers (Biomarkers), with the lead researcher prof. MUDr. Ivica Lazúrova, DrSc. from the 1st department of internal medicine of UPJŠ FM and UNLP.

The implementation of the project in 2020 was focused on determining the level of copeptin in patients with atrial fibrillation or flutter. The obtained values were significantly higher than the normal level published in the literature.

Allocated subsidy for 2020: € 21,533.33 (current expenditures € 17,333.33, capital expenditures € 4,200).

Drawdown of the subsidy in 2020: € 8,742.40:

- 2019/35-UPJŠ-6, Factors of fecal transplant efficiency in colitis caused by *Clostridioides difficile* (Transfec), with the researcher prof. MUDr. Pavel Jarčuška, PhD. from the Department of Infectious Diseases and Travel Medicine UPJŠ FM.

The project continued to address a major global health problem in 2020, namely Clostridial enterocolitis, the severity of which lies in its ability to spread epidemically in hospitals and in frequent relapses. All available studies point to the need for accurate diagnosis of hypervirulent strains of *Clostridioides difficile* (CD), which will make it possible to determine an adequate course of treatment and also to set up adequate anti-epidemic measures.

These activities took place during 2020:

- administration of appropriate permits for the collection of biological material,
- creation of a protocol for Surveillance CDI in UNLP in Košice, its application in practice,
- implementation of microbiological diagnostics of *Clostridioides difficile*,
- testing and optimization of molecular-biological diagnostics of *Clostridioides difficile*,
- collection of stool samples from patients with *Clostridioides difficile* (CDI) infection and their cryopreservation,
- cultivation and identification of *Clostridioides difficile* isolates.

Allocated subsidy for 2020: € 62,877.95 (current expenditure € 59,377.95, capital expenditure € 3,500). Drawing of the subsidy in 2020: 27,300.27€

- 2019/29-UPJŠ-1, Monitoring the relationship of selected gene variants and proteomic markers in patients with mental disorders as a contribution to their personalized treatment (DepDemGen), with the lead researcher MUDr. Miriam Kozarova, PhD. of IV. Department of internal medicine of UPJŠ FM and UNLP.

In 2020, the preparation, standardization and implementation of neurocognitive tests focused on dementia for patients with type 2 diabetes mellitus and an age-and-gender-matched control group without type 2 diabetes mellitus, physical activity questionnaire, continued. In cooperation with the Institute of Medical Biology UPJŠ FM (RNDr. Habalová, PhD. Et al.) the necessary genotyping essays for project implementation were selected.

With the support of the project:

- the following works have been published:
 - The role of lipids and lipoproteins in the pathophysiology of atherosclerosis (Cardiology for practice 02/2020),
 - Diabetes mellitus and cognitive functions (Internal medicine 06/2020)
 - Lipoprotein (a) and ischemic stroke (Neurology for practice).
 - University textbooks were published in News in Diabetology and Lipidology,
 - Interim results were presented at:
 - Diabetological days (MUDr. Miriam Kozárová, PhD.),
 - Autumn Psychopharmacological Symposium (MUDr. Bednářová, PhD.).

Allocated subsidy for the year 2020: 17 381,00 €

Drawing subsidies in 2020: 11 443,09 €

ESIF projects

In 2020, UPJŠ FM implemented the following projects of the European Structural and Investment Funds (ESIF) financed from the European Regional Development Fund (ERDF) at its workplaces:

Name of the project:	Demand-driven research for sustainable and innovative foods, Drive4SiFood
Akronym:	Drive4SiFood
Code ITMS2014+:	313011V336
Call code:	OPVaI-VA/DP/2018/1.2.1-06
Operational program:	Integrated infrastructure 2014 – 2020
Supported by the fund:	European Regional Development Fund
Managing authority:	Ministry of Transport and Construction of the Slovak Republic
Intermediate body:	Ministry of Education, Science, Research and Sports of the Slovak Republic
Implementation period:	7/2019 - 6/2023
Recipient:	Slovak University of Agriculture in Nitra
Partners:	Center for Plant Biology and Biodiversity of the Slovak Academy McCarter a.s. National Agricultural and Food Center Slovak University of Technology in Bratislava TEKMAR SLOVAKIA, s.r.o. Pavel Jozef Šafárik University in Košice
Project goals:	The aim of the project is to expand knowledge and better understand the topics in the field of development of quality, safe and innovative foods and their subsequent environmental and energy processing through scientific research activities.

Amount of NFP provided:	9 813 468,31 € (of which UPJŠ: 452 149,43 €)
Project guarantor for UPJŠ FM:	MVDr. Ladislav Strojny, PhD.

Name of the project:	Integrative strategy in the development of personalized medicine of selected cancers and its impact on quality of life
Akronym:	LISPER
Code ITMS2014+:	313011V446
Call code:	OPVaI-VA/DP/2018/1.2.1-08
Operational program:	Integrated infrastructure 2014 – 2020
Supported by the fund:	European Regional Development Fund
Managing authority:	Ministry of Transport and Construction of the Slovak Republic
Intermediate body:	Ministry of Education, Science, Research and Sports of the Slovak Republic
Implementation period:	9/2019 - 6/2023
Recipient:	Comenius University in Bratislava
Partners:	Anima Group, s.r.o. BIOCHEM, SPOL. Ltd. Biomedical Center of the Slovak Academy of Sciences Center for Social and Psychological Sciences SAS IPESOFTE spol s.r.o. Lambda Life a.s. MABPRO, a.s. Martinské biopické centrum, s.r.o. Pavel Jozef Šafárik University in Košice University of Žilina
Project goals:	Improving the health of the population through innovative diagnostic and therapeutic procedures for three serious cancers (breast, lung Ca and colorectal cancer) and their comparative verification of medical applicability and economic suitability with innovative use of IHC potential, molecular genetic analysis of tissue and fluid biopsies, bioforms health and information technologies.
The amount of NFP provided:	10 698 633,07 EUR (of which UPJŠ: 955 357,48 EUR)
Project guarantor for UPJŠ FM:	doc. RNDr. Ján Sabo, CSc. mim. prof.

Name of the project:	Functional foods for a healthy life
Akronym:	-
Kód ITMS2014+:	313012T288
Call code:	OPVaI-MH/DP/2018/1.2.2-17
Operational program:	Integrated infrastructure 2014 – 2020
Supported by the fund:	European Regional Development Fund
Managing authority:	Ministry of Transport and Construction of the Slovak Republic
Intermediate body:	Ministry of Economy of the Slovak Republic
Implementation period:	10/2020 - 09/2023

Recipient:	TEKMAR SLOVENSKO, s.r.o.
Partners:	Pavel Jozef Šafárik University in Košice
Project goals:	The aim of the project is to create recipes with an optimal nutrient composition that will meet the requirements of the 45+ age group. The aim of the project is to develop products with a balanced optimal amount of nutrients, each of which will contain its specific functional component, which will be characterized by its positive effect on the physiological functions of the body.
The amount of NFP provided	1 140 488,81 EUR (of which UPJŠ: 156 317,40 EUR)
Project guarantor for UPJŠ FM:	MVDr. Emília Hijová, PhD.
Name of the project:	Elimination of the risk of the effects of coherent radiation during dermatological procedures
Akronym:	ERIDOK
Code ITMS2014+:	313012R720
Call code:	OPVaI-MH/DP/2018/1.2.2-16
Operational program:	Integrated infrastructure 2014 – 2020
Supported by the fund:	European Regional Development Fund
Managing authority:	Ministry of Transport and Construction of the Slovak Republic
Intermediate body:	Ministry of Economy of the Slovak Republic
Implementation period:	11/2020 - 04/2023
Recipient:	MM MEDICAL s. r. o.
Partners:	International Laser Center Pavel Jozef Šafárik University in Košice
Project goals:	The main goal of the project is the development of an intelligent security device - BlackBox for dermatological lasers, the aim of which will be fast and effective diagnostics with evaluation of the potential risk of malignant skin tumors before the laser pulse, ie before their removal. The device will be unique in its way in that it eliminates the most critical risk of laser surgery, namely the possible exclusion of melanoma.
The amount of NFP provided	374 034,85 EUR (of which UPJŠ: 43 699,35 EUR)
Project guarantor for UPJŠ FM:	MUDr. Janette Baloghová, PhD.

Name of the project:	Open Scientific Community for Modern Interdisciplinary Research in Medicine (OPENMED)
Akronym:	OPENMED
Kód ITMS2014+:	313011V455
Call code:	OPVaI-VA/DP/2018/1.2.1-08
Operational program:	Integrated infrastructure 2014 – 2020
Supported by the fund:	European Regional Development Fund
Managing authority:	Ministry of Transport and Construction of the Slovak Republic
Intermediate body:	Ministry of Education, Science, Research and Sports of the Slovak Republic
Implementation period:	11/2019 - 6/2023

Recipient:	Pavel Jozef Šafárik University in Košice
Partners:	Biomedical Center of the Slovak Academy of Sciences JUHAPHARM, s.r.o. MM MEDICAL s.r.o. Technical University of Košice University of Veterinary Medicine and Pharmacy in Košice
Project goals:	The aim of the project is to solve selected problems of diagnosis and treatment of oncological, cardiovascular and viral diseases, CNS diseases and diseases of the musculoskeletal system with a unique use of the potential of the partners in the project.
The amount of NFP provided	8 911 793,88 EUR (of which UPJŠ: 4 909 853,93 EUR)
Project guarantor	doc. Mgr. Daniel Jancura, PhD.
Activity 313V45500005 - H5 Responsible researcher for the activity:	prof. Ing. Mária Mareková, CSc. Department of Medical and Clinical Biochemistry UPJŠ FM
Activity 313V45500006 - H6 Responsible researcher for the activity:	doc. MUDr. Matej Škorvánek, PhD. Department of Neurology, UPJŠ FM and UNLP
Activity 313V45500008 - H7: Responsible researcher for the activity:	prof. MVDr. Ján Mojžiš, DrSc. Department of Pharmacology UPJŠ FM
Activity 313V45500009 - H8: Responsible researcher for the activity:	prof. MUDr. Pavol Jarčuška, PhD. Department of Infectious Diseases and Travel Medicine UPJŠ FM and UNLP
Activity 313V45500011 - H9: Responsible researcher for the activity:	RNDr. Tímea Špaková, PhD. Associated Tissue Bank of UPJŠ FM and UNLP

Resident Program

From 31.10.2015, the Cooperation Agreement is effective, on the basis of which educational activities within the resident program of the Ministry of Health of the Slovak Republic continue.

(<http://www.crz.gov.sk/index.php?ID=2130075&l=sk>), since 2018 called residency. Medical facilities are involved in the implementation as cooperating entities:

- Louis Pasteur University Hospital Košice,
- AGEL Hospital Košice-Šaca a.s.,
- University Hospital with J. A. Reiman Polyclinic Prešov,
- Poprad Hospital, a. with.,
- Children's University Hospital Košice.

€ 895,000 was allocated to this program in 2020. During the year under review, the Ministry of Health of the Slovak Republic expanded the list of departments, as a result of which in the remaining period of 2020 it began to prepare cooperation at other institutional health care facilities, such as:

- Hospital with polyclinic St. Jakuba, n.o., Bardejov,
- A. Leňa Humenné Hospital, a.s.,
- Martin University Hospital.
- Hospital with Polyclinic Spišská Nová Ves, a.s.

In the implementation of two main specialized study fields - general medicine and pediatrics, the faculty also cooperates with a large number of contracted outpatient clinics.

IMPLEMENTATION OUTPUTS FROM PROJECT SOLUTIONS, TECHNOLOGY DEVELOPMENT AND TRANSFER, COOPERATION WITH PRACTICE AND BUSINESS ACTIVITY

Department of Medical and Clinical Biochemistry UPJŠ FM in Košice

Patent application PP50010-2020 was filed in cooperation with UK Bratislava and MUNI Brno: Method of non-invasive testing of success of in vitro fertilization process – Rabajdová M., Slabý O., Šoltýs K., Mareková M., Toporcerová S.

PP refers to the identification of a set of specific miRNA molecules, i.e. the creation of a miRNA profile in order to determine the success / failure of the IVF process. In addition, it relates to the possible use of the miRNA profile in the development of an innovative non-invasive diagnostic test as a product of personalized medicine in predicting the success of the in vitro fertilization process in women undergoing artificial insemination. The diagnostic assay would involve two independent ways of identifying prognostic canonical miRNAs and iso-miRNAs as biomarkers. In one case, the miRNA profile would be determined from the plasma of the woman's peripheral blood, in the other from the culture medium of the embryo (days 4-6 of its development).

Information also on <https://www.ctt.muni.cz/technologie/test-ivf>

Department of Pharmacology UPJŠ FM in Košice

Central Laboratory of Clinical Cytometry of the Department of Pharmacology UPJŠ FM and Medirex, a.s. - contractual cooperation with practice.

Department of Medical and Clinical Biophysics UPJŠ FM in Košice

RNDr. Soňa Tkáčiková, PhD.: Expert for SNAS (Slovak National Accreditation Service) in the assessment of accredited laboratories according to the standard STN EN ISO/IEC 17025:2017

Department of Medical and Clinical Microbiology UPJŠ FM in Košice

Transfec and VVGS project solution

Introduction of molecular-biological diagnostics of *Clostridioides difficile*

For CD-biological CD diagnostics, control CD collection strains and primers were purchased to detect genes encoding toxin production (tcdA, tcdB, cdtA and cdtB) and to confirm CD diagnostics and DNA isolation (gluD and 16S-rDNA).

In 2020, anaerobic cultivation of clostridia and a methodological procedure for the extraction of CDI spores by alcohol shock were introduced. This procedure was applied to all stool samples obtained from patients with CDI at UNLP in Košice. Collected (control) CD strains were also cultured under standard conditions, subsequently diagnosed with MALDI-TOF and stored at -80 ° C for further analysis. DNA was isolated for

both collection and clinical CD strains for use in the molecular-biological diagnostics of CDI in the following years of the project.

A collection of stool samples from patients with CDI took place at the UNLP in Košice from 15 January 2020 to 15 February 2020. All samples were first tested in the ULaKM laboratory for the presence of the enzyme glutamate dehydrogenase (GDH) and toxins (A and B) and based on the results, GDH positive and toxin positive / negative samples were included in further testing.

In the period from January to February 2020, 36 stool samples were included in further testing. All samples were first treated with alcohol and then cultured in anaerostat. Pure colonies of bacteria were used to diagnose CD by MALDI TOF mass spectrometry. The diagnostic results confirmed the CD in 31 stool samples. These CD strains were typed during training in Prague (toxins and ribotypes were determined), and selected strains were also tested for susceptibility to AL.

Department of Health Psychology and Methodology Research UPJŠ FM in Košice

Department of Health Psychology and Research Methodology, FM UPJŠ in Košice represented by doc. Zuzana Dankulincová, PhD within the Care4Youth project "The trajectory of children and adolescents with emotional and behavioural problems in the system of preventive, social and health care. Longitudinal study". In 2020, cooperation agreements continued on a research project with several institutions that directly provide care for children and adolescents with emotional and behavioural problems in practice. It was a continuation of agreements specifically with the Children's Psychiatric Hospital Hraň, n.o. and Úsmev ako dar, o.z.

Department of Public Health and Hygiene of UPJŠ FM in Košice

doc. MUDr. Kvetoslava Rimárová, CSc., mim. prof.

Project annotation in 2019 KEGA Rimárová - KEGA project no. 007UPJŠ-4/2018 - Application of innovative multimedia approaches in teaching the effects of physical factors using an exposure model for students of medical disciplines

The presented KEGA project represents the use of innovative multimedia technologies in the practical and theoretical teaching of medical, and non-medical students, especially students of general medicine, public health, nursing, physiotherapy and dentistry. Its purpose is to create, induct, apply and implement multimedia technologies in the teaching of university students, which will allow the evaluation of the impact of physical factors on health. Physical factors can have a negative effect, including the effects of noise, ionizing and non-ionizing radiation, vibrations, commotions and other physical factors on human health. Physical factors can also have a positive effect with use in rehabilitation and physiotherapy - ultrasound, electric currents, laser, heat. The project will increase the knowledge, skills and abilities of students from various fields of medicine and modernize the profile of graduates. The project will introduce and implement the so-called self-assessment model of the effects of physical factors in medical students, as well as the evaluation of basic physiological health determinants. Subsequently, an online model of software will be created, which will be able to evaluate the influence of physical factors on the scale of students' self-assessment, including the possible reactions of physiological changes in the form of measured health parameters. The results of the project will also be reflected in the practical skills of students in the knowledge that is necessary in evaluating the effects of important etiological factors on the development of disease. The output parts of the project include the creation of multimedia and print educational outputs, scientific outputs in the form of publications, practical application of simple evaluation software in the evaluation of the exposure model and its evaluation in determining the human burden of physical factors. The project is also in line with the basic EU requirements for the so-called impact of the risk.

prof. Mgr. MUDr. Erik Dorko, PhD. MPH, MBA

Project annotation in 2020 KEGA Dorko - KEGA project no. 008UPJŠ- 4/2020 - Multimedia technologies in teaching cardiovascular risk and population health studies for university students using freely available software applications

The presented KEGA project represents the use of innovative multimedia technologies in the practical and theoretical teaching of medical, and non-medical students, especially students of general medicine, public health, nursing, physiotherapy and dentistry. Its purpose is to create, induct, apply and implement multimedia technologies in the teaching of university students, which will allow the assessment of the impact of risk factors on cardiovascular health. Risk factors of cardiovascular diseases and knowledge of them in the future of health professionals are the basis for prevention and reduction of morbidity and mortality of the population. The project will increase the knowledge, skills and abilities of students from various fields of medicine and modernize the profile of graduates. The project will introduce and implement the so-called self-assessment model of the effects of possible risk factors in medical students, together with the evaluation of basic physiological objective health determinants. Subsequently, an online software model will be created, which will be able to evaluate the impact of risk factors on the scale of students' self-assessment, including possible physiological changes in the form of measured health parameters. The results of the project will also be reflected in the practical skills of students in the knowledge that is necessary in evaluating the effects of important etiological factors on the development of disease. The output parts of the project include the creation of multimedia and print educational outputs, scientific outputs in the form of publications, practical application of simple evaluation software in the evaluation of the exposure model and its evaluation in determining the human burden of risk factors. The project is also in line with the basic EU requirements for the so-called "risk assessment", where knowledge of the evaluation of possible health impacts within EU programs is required.

doc. MVDr. Tatiana Kimáková, PhD.

Project annotation in 2019 KEGA Kimáková - KEGA project no. 005UPJŠ-4/2019 - Analysis of lifestyle risk factors of university students and students of the University of the Third Age.

The proposed project is a comparative study to find out the current state of somatic and mental health, including living conditions and lifestyles of university students and students of the University of the Third Age, as well as changes that occurred during the study of the same and other students in progressively higher years of study. The findings of the sub-studies to date point to the need to examine the main risk factors affecting the health of this population. Based on the findings, preventive intervention measures will be proposed to protect and promote the health of at-risk individuals and preventive intervention measures to protect and promote health.

Mgr. Jana Diabelková, PhD. vvgv-2019-1383 - E-learning innovation of teaching Hygiene and public health through online learning scripts

The project is focused on a new educational e-learning material in the form of online scripts, which will enable students to better and faster orientation in the subject of Hygiene and subjects taught at the Department of Public Health. The aim of the project is to create, apply and implement online scripts for students that could improve students' knowledge, skills and abilities and can modernize the profile of graduates of medical and non-medical disciplines, especially the Department of Public Health. The output parts of the project will speed up the process of a long search for more teaching materials and books, as they will provide a clear comprehensive list of the most important basic definitions, terms, limits and abbreviations from Public Health, which has been lacking so far. These terms will be specifically from Nutrition Hygiene, Environmental Hygiene, Child and Adolescent Hygiene, Epidemiology, Preventive Occupational Medicine and General Prevention. vvgv-2020-1662 - E-learning innovation of teaching the subject Hygiene of children and youth The project is focused on online teaching materials that will enable students to better and faster orientation in the subject of Hygiene of Children and Youth. The aim of the planned IPEL project is the creation, application and implementation of online text, which will be supplemented by online tests. The student will have the opportunity to test after studying the mentioned material before taking the exam in the subject and thus evaluate their preparation. The online material will

also contain the URL addresses of the most important laws, decrees and regulations in the field of Hygiene of Children and Youth, which the graduate working in this field will have to control and use in their practice. The online material will be on the e-learning portal of the Pavel Jozef Šafárik University in Košice lms.upjs.sk, which students are increasingly using and searching for in this period.

Department of Pneumology and Phthiology of UPJŠ FM and UN LP in Košice

Implementation of a wide range of diagnostic and treatment procedures in pneumology and phthiology, as well as in sleep medicine, within the UNLP in Košice.

Authorship / co-authorship of the following technical documents and national guidelines:

- 1. Expert opinion of the Slovak Pneumological and Pathobiological Society - Indications of a long-term home treatment using mechanical insufflation - exsufflation using the CoughAssist device.** In: *Respiro* : journal for continuing education in pneumology and phthiology. - ISSN 1335-3985. - Yr. 18, no. 2 (2020), p. 6-13. [POBEHA, Pavol - SOLOVIČ, Ivan - NEUMANNOVÁ, Kateřina - HÁJKOVÁ, Marta - JAKUBIČKA, Juraj - MATULA, Bohumil - DRUGDOVÁ, Mária - KOŠTURIÁKOVÁ, Gabriela - LAŠŠÁN, Štefan - KOCAN, Ivan - MUCSKA, Imrich]
- 2. Pulmonary rehabilitation and respiratory physiotherapy in post Covid 19 patients:** (information about the planned rehabilitation program). In: *Respiro*: journal for continuing education in pneumology and phthiology - ISSN 1335-3985. - Yr. 18, no. 3 (2020), p. 19-21. [POBEHA, Pavol - JENDRICHOVSKÝ, Marián]
- 3. Brief recommendations for outpatient specialists regarding the management of patients in the current epidemiological situation and the risk of transmission of SARS-COV-2 (COVID-19).** In: *Respiro* : journal for continuing education in pneumology and phthiology - ISSN 1335-3985. - Yr. 18, no. 1 (2020), p. 22-24. [POBEHA, Pavol]

Department of Infectious Diseases and Travel Medicine UPJŠ FM and UN LP in Košice

□ fecal bacteriotherapy for patients (paid from ZP) - implemented by MUDr. Martin Novotny, PhD.

Department of Angiology UPJŠ FM and VÚSCH, a.s. in Kosice

- doc. MUDr. Eva Szabóová, PhD.: Member of the OPS of the Ministry of Health of the Slovak Republic for the Prevention of Cardiovascular Diseases within the project "Creation of new and innovated procedures for prevention and their introduction into medical practice".
- under the guidance of the guarantor for the accredited SF of Angiology at UPJŠ FM in cooperation with the lecturers for the practical part: repeated training stays at the clinic (5 attestants) within the pre-certification preparation from the special. field: angiology

I. Department of Cardiology UPJŠ FM and VÚSCH, a. s. in Košice

- under the guidance of the guarantor for the accredited SF of Cardiology at UPJŠ FM: 4-week educational course dedicated to current topics in cardiology within the pre-certification training in special.field: cardiology

Department of Vascular Surgery UPJŠ FM and VÚSCH, a. s. in Kosice

- biomedical research project VÚSCH, a.c. - Whole-gen sequencing of samples after endarterectomy in order to optimize the current therapy carried out in cooperation with the Laboratory of Cell Interactions CKPV MediPark UPJŠ FM and University Medical Center Utrecht - researcher for the Department of Vascular Surgery MUDr. Peter Berek, PhD.

Department of Orthopedics and Traumatology of the Musculoskeletal System UPJŠ FM and UNLP in Košice

- clinical application of platelet-rich autologous blood plasma preparations for musculoskeletal and articular cartilage injuries, realized at the orthopedic outpatient clinic of the Joint Tissue Bank UNLP Košice and the Department of Orthopedics and Traumatology of the Musculoskeletal System UPJŠ FM and UNLP Košice.

THE MOST SIGNIFICANT SCIENTIFIC RESEARCH RESULTS

ADC - Scientific papers in foreign journals

Zech M, Jech R, Boesch S, **Škorvánek M**, Weber S, Wagner M, Zhao C, Jochim A, Necpál J, Dincer Y, Vill K, Distelmaier F, Stoklosa M, Krenn M, Grunwald S, Bock-Bierbaum T, Fečíková A, Havránková P, Roth J, Příhodová I, Adamovičová M, Ulmanová O, Bechyně K, Danhofer P, Veselý B, **Haň V**, **Pavelekova P**, **Gdovinová Z**, Mantel T, Meindl T, Sitzberger A, Schröder S, Blaschek A, Roser T, Bonfert MV, Haberlandt E, Plecko B, Leineweber B, Berweck S, Herberhold T, Langguth B, Švantnerová J, Minár M, Ramos-Rivera GA, Wojcik MH, Pajusalu S, Ōunap K, Schatz UA, Pölsler L, Milenkovic I, Laccone F, Pilshofer V, Colombo R, Patzer S, Iuso A, Vera J, Troncoso M, Fang F, Prokisch H, Wilbert F, Eckenweiler M, Graf E, Westphal DS, Riedhammer KM, Brunet T, Alhaddad B, Berutti R, Strom TM, Hecht M, Baumann M, Wolf M, Telegrafi A, Person RE, Zamora FM, Henderson LB, Weise D, Musacchio T, Volkmann J, Szuto A, Becker J, Cremer K, Sycha T, Zimprich F, Kraus V, Makowski C, Gonzalez-Alegre P, Bardakjian TM, Ozelius LJ, Vetro A, Guerrini R, Maier E, Borggraefe I, Kuster A, Wortmann SB, Hackenberg A, Steinfeld R, Assmann B, Staufner C, Opladen T, Růžička E, Cohn RD, Dymont D, Chung WK, Engels H, Ceballos-Baumann A, Ploski R, Daumke O, Haslinger B, Mall V, Oexle K, Winkelmann J. Monogenic variants in dystonia: an exome-wide sequencing study. *Lancet Neurol.* 2020 Nov;19 (11):908-918. doi: 10.1016/S1474-4422(20)30312-4. PMID: 33098801.

A large proportion of dystonic syndromes can be explained by the presence of pathogenic genetic variants, the composition of which is highly heterogeneous. While in the past a targeted approach to testing according to known clinical phenotypes dominated the genetic diagnosis of dystonia, with the development of next-generation sequencing methods there has been a significant boom in this area with the discovery of many new genes, new disease phenotypes as well as the identification of large numbers of new candidate genes. This work presents an analysis of the world's largest cohort of patients with dystonia examined using whole exome sequencing.

In a cohort of 764 patients with dystonia, we identified a causal or possibly causal monogenic cause in 135 patients in 78 different genes, with the highest positives being observed in patients with complex dystonia, followed by combined and isolated dystonia. In addition, we identified 12 new candidate genes in relation to dystonic syndromes, with the most robust predictive results being found for the IMPDH2 gene, for which the index family was supplied from our site. In addition, we propose new predictive clinical scores that will increase the yield of whole-exome sequencing when testing patients with dystonic syndromes.

Grant support:

Funding from the Else Kröner-Fresenius-Stiftung and by in-house institutional funding from Technische Universität München, Munich, Germany, Helmholtz Zentrum München, Munich, Germany, Medizinische Universität Innsbruck, Innsbruck, Austria, and Charles University, Prague, Czech Republic (PROGRES Q27). This study was also funded by the Czech Ministry of Education (AZV: NV19-04-00233) and under the frame of the European Joint Programme on Rare Diseases (825575) and by the Slovak Grant and Development Agency (APVV-18-0547) and the Slovak Research and Grant Agency (VEGA 1/0596/19) to MŠ, VH, PP, and ZG. MZ was supported by Physician Scientists for Groundbreaking Projects at Helmholtz Zentrum München, Munich, Germany. FD was supported by a grant of the German Research Foundation (DI 1731/2-2) and by a grant of the Elterninitiative Kinderkrebsklinik (Düsseldorf; 701900167). FF and HP were supported by the German Bundesministerium für Bildung und Forschung through the Personalised Medicine project Personalised Mitochondrial Medicine (01KU2016A). WKC was supported by Simons Foundation Autism Research Initiative and the Jeffery Barbara Picower Foundation. SaP and KÖ were supported by the Estonian Research Council (PRG471 and PUTJD827). We thank the Genomics and Proteomics Core Facility and the Omics IT and Data Management Core Facility of the German Cancer Research Center for providing sequence data. Sequencing and analysis were provided by the Broad Institute of MIT and Harvard Center for Mendelian Genomics (Cambridge, MA) and was funded by the National Human Genome Research Institute, the National Eye Institute, and the National Heart, Lung and Blood Institute (UM1 HG008900) and in part by National Human Genome Research Institute (R01 HG009141).

MIHALIK, Jozef – KREHEĽOVÁ, Andrea – KOVAŘÍKOVÁ, Veronika – SOLÁR, Peter – DOMORÁKOVÁ, Iveta – PAVLIUK-KARACHEVTSEVA, Andriana – HLADOVÁ, Alena – RYBÁROVÁ, Silvia – HODOROVÁ, Ingrid: GPx8 Expression in Rat Oocytes, Embryos, and Female Genital Organs During Preimplantation Period of Pregnancy.

Int J Mol Sci. 2020 Aug 31;21(17):6313. doi: 10.3390/ijms21176313. PMID: 32878231; PMCID: PMC7503774.

The work was focused on the detection of the presence of glutathione peroxidase 8 (GPx8) in rats during the preimplantation phase of pregnancy. We found out that in oocytes, GPx8 is dispersed in the cytoplasm, while after fertilization it is concentrated in granules. From the 4-cell stage to the blastocyst, GPx8 is located in the perinuclear region. In the ovary, we observed GPx8 in granulosa-lutein cells, plasma, and Graafian follicles. In the fallopian tube, GPx8 was detected in plasma and extracellular mass (ECM). In the uterus, GPx8 was detected in the uterine glands, plasma and ECM. Densitometry revealed that the highest amount of GPx8 is in early pregnancy. To our knowledge, this is the first article to describe the presence of GPx8 in mammalian embryos and genitals in mammals.

Project: Influence of entacapone administration on antioxidant status and reproductive parameters of male rats - VEGA 1/0173/19

This study aimed to detect the presence of glutathione peroxidase 8 (GPx8) in rat during preimplantation period of pregnancy. We found that GPx8 is dispersed in the cytoplasm of oocytes, while after fertilization, it is concentrated in granules. From 4-cell stage till blastocyst, GPx8 reaction was found in the perinuclear region. In the ovary, GPx8 was seen in granulosa-lutein cells, in plasma of blood vessels, and inside Graafian follicles. In oviduct, GPx8 was detected in the plasma and in the extracellular matrix (ECM). In uterus, GPx8 was observed in the uterine glands, in the plasma, and in ECM. Densitometry revealed that the highest amount of GPx8 was on beginning of pregnancy. To our knowledge, this is the first paper describing GPx8 presence in embryos, and female genital organs in mammals.

BIRKOVÁ, Anna - OBORIL, Július - KRÉTA, Richard - ČÍŽMÁROVÁ, Beáta - HUBKOVÁ, Beáta - ŠTEFFEKOVÁ, Zuzana - GENČI, Ján - PARALIČ, Ján - MAREKOVÁ, Mária:

Human fluorescent profile of urine as a simple tool of mining in data from autofluorescence spectroscopy
Biomedical Signal Processing and Control, 2020, ISSN 1746-8094, Roč. 56, č. 2, s. 1693-1693, IF: 4.49, Q2

PALLAYOVÁ, Mária (31%) - BRENIŠIN, Marek (6%) - PUTRYA, Alina DOK-51-I (3%) - VRŠKO, Martin DOK51-I (3%) - DRAŽILOVÁ, Sylvia (3%) - JANIČKO, Martin (21%) - MAREKOVÁ, Mária (3%) - PELLA, Daniel

(3%) - MADARASOVÁ GECKOVÁ, Andrea (3%) - URDZÍK, Peter (3%) - JARČUŠKA, Peter (21%)

Roma Ethnicity and Sex-Specific Associations of Serum Uric Acid with Cardiometabolic and Hepatorenal Health Factors in Eastern Slovakian Population: The HepaMeta Study / Maria Pallayova ... [et al.]. - Projekt: Centrum excelentnosti pre výskum faktorov ovplyvňujúcich zdravie so zameraním na skupinu marginalizovaných a imunokompromitovaných osôb (CEMIO) - EÚ ŠF ITMS 26220120058; Grant of European Regional Development Fund-Project - FNUSA-ICRC No. CZ.1.05/1.1.00/02.0123; Grant from the Visegrad fund.

International Journal of Environmental Research and Public Health: Open Access Journal=IJERPH. - ISSN 1661-7827. - Roč. 17, č. 20 (2020), Art. N. 7673, s. 1-15. - DOI 10.3390/ijerph17207673

MACICHOVÁ, Michaela - GROCHOVÁ, Monika - RÁCZ, Oliver - FIRMENT, Jozef - MITNÍKOVÁ, Miriam - ROSENBERGER, Jaroslav - ŠIMONOVÁ, Jana - HUDÁK, Vladimír.

Improvement of mortality prediction accuracy in critically ill patients through combination of SOFA and APACHE II score with markers of stress haematopoiesis.

Internat J Labor Hematol - ISSN 1751-553X. - Roč. 42, č. 6 (2020), s. 796-800. - DOI 10.1111/ijlh.13308
Early diagnosis and subsequent intervention determine the fate of critically ill patients. There are number of scoring systems and biochemical parameters to predict the mortality of critically ill patients that use available biochemical parameters. However, only basic parameters such as leukocyte count, hematocrit, hemoglobin and platelet count are still used among the hematological parameters. With the development of technology and the use of flow cytometry in blood cell analyzers comes the possibility of using the absolute number of erythroblasts and immature granulocytes in the peripheral blood to predict mortality in critically ill patients in a daily routine blood count with differential leukocyte count.

We evaluated the importance of erythroblast determination in critically ill adults. We found out that leaching of erythroblasts into the peripheral blood has a significant effect on the mortality of critically ill patients at KAIM. The presence of erythroblasts in blood was also significantly related to the prediction of septic shock. The risk of death in critically ill patients between 6 months and 1 year was 10.55-fold higher in patients who had erythroblasts flushed into the peripheral blood than in NRBC-negative patients. We have developed a regression model that takes into account age, clinical condition as well as erythropoiesis and shows higher diagnostic efficiency than commonly used biochemical parameters such as PCT or lactate. The results of the first phase of the research were published in a peer-reviewed journal with IF 2.14. The results of the second phase are ready for publication and are included together with the results of the first phase in the submitted dissertation of the first author.

HUŇÁKOVÁ, Kristína (5 %) - HLUCHÝ, Marian (35 %) - ŠPAKOVÁ, Tímea (40 %) - MATEJOVÁ, Jana (4 %) - MUDROŇOVÁ, Dagmar (10 %) - KURICOVÁ, Mária (2 %) - ROSOCHA, Ján (2 %) - LEDECKÝ, Valent (2 %):
Study of bilateral elbow joint osteoarthritis treatment using conditioned medium from allogeneic adipose tissue-derived MSCs in Labrador.

Research in Veterinary Science: a journal of the British Veterinary Association. - ISSN 0034-5288. - Roč. 132, (2020), s. 513-520. - DOI 10.1016/j.rvsc.2020.08.004.

Dysplázia lakťového kĺbu u psov je častou príčinou krívania predných končatín u psov a môže viesť k rozvoju osteoartritídy (OA). Cieľom štúdie bolo zistiť profil vybraných mediátorov s potenciálnym klinickým významom vo vzorkách synoviálnej tekutiny (SF) psov trpiacich s OA a analyzovať rozsah pohybu (ROM) pred a po liečbe bezbunkovým prípravkom derivovaným z mezenchýmových kmeňových buniek (MKB). Kondicionované médium bolo pripravené z alogénnych MKB izolovaných z tukového tkaniva psov a aplikované do oboch lakťových kĺbov s OA šiestim labradorským retrieverom v deň 0 a 14. Hladiny MMP-3, TIMP-1, IL-6 a TNF- α v SF vykazovali významné rozdiely pred a po liečbe ($P < 0,05$). Medzi dňom 0 a 42 ($P < 0,001$) došlo k významnému zlepšeniu ROM. Získané výsledky podporujú podporný účinok bezbunkového kondicionovaného média ako neinvazívneho terapeutického nástroja na zvládanie bolesti OA lakťových kĺbov u psov. Táto štúdia bola realizovaná projektom Medical University Park v Košiciach (MediPark, Košice) ITMS: 26220220185 a 313011D103.

Canine elbow dysplasia is a common cause of forelimb lameness in dogs and can lead to development of osteoarthritis (OA). The aim of study was to identify the profile of selected mediators of potential clinical relevance in synovial fluid (SF) samples of dogs with elbow OA and analyse the range of motion (ROM)

before and after cell-free MSCs-based treatment. Conditioned medium from allogeneic canine adipose tissue - derived MSC (CM-AD-MSC) was prepared and administered into both elbow joints with OA in six Labrador retriever dogs (n=6) on day 0 and 14.

Concentration levels of MMP-3, TIMP-1, IL-6 and TNF- α in SF showed significant differences before and after the treatment ($P < .05$). There was a significant improvement in ROM between day 0 and 42 ($P < .001$). Results support the potential supportive effect of CM-AD-MSC as a noninvasive therapeutic tool for pain management of OA elbow joints in dogs. This study was realised by the project Medical University Park in Košice (MediPark, Košice) ITMS: 26220220185 and 313011D103.

KOVÁČ, Ivan - MELEGOVÁ, Nikola - ČOMA, Matúš - TAKÁČ, Peter - KOVÁČOVÁ, Katarína - HOLLÝ, Martin - ĎURKÁČ, Ján - URBAN, Lukáš - KAŇUCHOVÁ, Miriam - ŠVAJDLENKA, Emil - MOJŽIŠOVÁ, Gabriela - ZAJÍČEK, Róbert - SZABÓ, Pavol - MUČAJI, Pavel - GÁL, Peter:

Aesculus hippocastanum L. extract does not induce fibroblast to myofibroblast conversion but increases extracellular matrix production in vitro leading to increased wound tensile strength in rats - Project: Development of active wound dressings based on hydrogels containing plant extracts stimulating wound healing in healthy and diabetic rats - VEGA 1/0319/20 ; Modulation of wound healing by plant extracts in healthy and diabetic rats with a focus on rapeseed - VEGA 1/0561/18 ; Cell interactions in the tumor microenvironment and their pharmacological influence - APVV APVV-16-0446; Complex injuries and functional disorders of the spine, pelvis, limbs and syntopically close organs and structures - PROGRES Q37 ; BIOCEV – Biotechnology and Biomedicine Centre of the Academy of Sciences and Charles University project (CZ.1.05/1.1.00/02.0109), ; Comprehensive oncology program II - Program Progres Q28 ; Medical University Science Park in Košice (MediPark, Košice - Fáza II.) - ITMS2014+ 313011D103.

Molecules: a Journal of Synthetic Chemistry and Natural Product Chemistry. - ISSN 1420-3049, Roč.

25, č. 8 (2020), art. no. 1917, s. [1-14], online. - Method of access:

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85083767654&origin=resultslist>

- DOI

10.3390/molecules25081917

MACEJOVÁ, Želmíra (22 %) - KRISTIAN, Pavol (22 %) - JANIČKO, Martin (5 %) - HALÁNOVÁ, Monika (5 %) - DRAŽILOVÁ, Sylvia (5 %) - ANTOLOVÁ, Daniela (5 %) - MAREKOVÁ, Mária (5 %) - PELLA, Daniel (5 %) - MADARASOVÁ GECKOVÁ, Andrea (5 %) - JARČUŠKA, Peter (21 %)

The Roma Population Living in Segregated Settlements in Eastern Slovakia Has a Higher Prevalence of Metabolic Syndrome, Kidney Disease, Viral Hepatitis B and E, and Some Parasitic Diseases Compared to the Majority Population / Zelmira Macejova ... [et al.].

International Journal of Environmental Research and Public Health: Open Access Journal=IJERPH. -

ISSN 1661-7827. - Roč. 17, č. 9 (2020), art. no. 3112, s. 1-12. - DOI 10.3390/ijerph17093112

ÜRGEOVÁ, Anna (10%) - JAVORSKÝ, Martin (10%) - KLIMČÁKOVÁ, Lucia (10%) - ŽIDZIK, Jozef (10%) - ŠALAGOVIČ, Ján (10%) - HUBÁČEK, Jaroslav A. (5%) - DOUBRAVOVÁ, Pavlína (5%) - GOTTHARDOVÁ, Ivana (10%) - KVAPIL, Milan (5%) - PELIKÁNOVÁ, Terezie (5%) - TKÁČ, Ivan (10%) - YALURI, Alena (10%)

Genetic variants associated with glycemic response to treatment with dipeptidylpeptidase 4 inhibitors / Anna Ťrgeová ... [et al.]. - Project: Monitoring of associations of selected gene variants with response to treatment with oral antidiabetics gliptins - VEGA 1/0027/16; The role of chronic intermittent hypoxia and insulin resistance in the pathogenesis of subclinical atherosclerosis and myocardial damage in patients with obstructive sleep apnea - VEGA 1/0208/16; Obesity, sleep apnea and obesity hypoventilation syndrome: the effect of hypoxia on cardiovascular parameters in obesity-associated respiratory diseases and the possibilities of their treatment - APVV APVV-16-0158.

Pharmacogenomics. - ISSN 1462-2416. - Roč. 21, č. 5 (2020), s. 317-323. - DOI 10.2217/pgs-2019-0147

TIMKOVÁ, Silvia (16.67%) - KLAMÁROVÁ, Tatiana (16.666%) - KOVALOVÁ, Eva (16.666%) - NOVÁK, Bohuslav (16.666%) - KOLARČIK, Peter (16.666%) - MADARASOVÁ GECKOVÁ, Andrea (16.666%)

Health literacy associations with periodontal disease among Slovak adults [electronic source] / Silvia Timková ... [et al.]. - Project: Using the health literacy profile to improve the management of chronic diseases - APVV APVV-16-0490.

International Journal of Environmental Research and Public Health: Open Access Journal=IJERPH. - ISSN 1660-4601. - Roč. 17, č. 6 (2020), art. no. 2152, s. [1-12]. - Method of access:

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85082726178&origin=resultslist>. - DOI 10.3390/ijerph17062152

OTHER RESULTS IN SCIENTIFIC RESEARCH

Department of Epidemiology UPJŠ FM in Košice

The department has an accredited laboratory for COVID - 19 diagnostics using the RT PCR method. In 2020, it provided regular testing of UPJŠ employees and students in Košice for the presence of SARS-COV-2

Department of Medical and Clinical Biochemistry UPJŠ FM in Košice

Completion of project solutions:

VEGA 1/0559/18: Study of the origin and progression of periodontitis using the latest molecular biochemical methods - responsible researcher: doc. RNDr. Janka Vašková, PhD.:

The VEGA 1/0559/18 project focused on the analysis of saliva in patients with periodontal disease by studying selected clinical-biochemical biomarkers. Samples were taken from patients with gingivitis, a chronic and aggressive form of periodontitis, and then compared with a group of healthy individuals. Within the monitored antioxidant parameters, it is an important finding that the activity of superoxide dismutase is significantly reduced in patients with gingivitis, but in the more advanced stage of the disease, in aggressive and chronic periodontitis it is increased. The differences between the individual patient groups are significant. Glutathione peroxidase activity has the opposite character. Previous studies have suggested that elevated SIRT1 levels can be considered a parameter in preventing periodontal disease progression, and agree that SIRT-1 levels were not found to differ between all three groups of patients. However, levels of SIRT2, which is involved in the regulation of antioxidant enzyme expression, have been significantly increased. Changes in mRNA expression of selected specific matrix metalloproteinases (eg MMP2, MMP9) and IL1-beta were also monitored. One of the most important results achieved in the solution of the VEGA 1/0559/18 project is the finding of up-regulation of the IL1-beta gene in both aggressive and chronic periodontitis. The analysed results suggest that IL1-beta, as an inflammatory cytokine, plays a key role in activation for inflammatory proteins.

The achieved scientific-research results were published in 4 scientific-research works in extenso in scientific domestic and foreign journals. Two papers are registered in the Web of Science database and one thesis was published in a foreign scientific journal (IF: 1.216), also registered in the WoS / Scopus databases. The results were presented at domestic and foreign conferences and published in the form of abstracts (3) as well as published papers (7). These are registered in CU UPJŠ and a complete list of publications is also available on the CU UPJŠ website: https://aleph.upjs.sk/F/7MCUFUA1PPU88Y2FRQTTHU74T9REDC8AE879GSQTCJ5F7159Q40009?func=find-c-0&local_base=epc01

Department of Social and Behavioural Medicine UPJŠ FM in Košice

Membership of the institute's staff in international committees, bodies and expert advisory committees in 2020:

President of EUPHA - European Public Health Association: the umbrella organization for national public health associations in Europe - Mgr. Iveta Rajničová Nagyová, PhD <https://eupha.org/executive-council>

Member of the WHO Advisory Committee. Technical Advisory Group on Behavioural Insights and Sciences for Health - Mgr. Iveta Rajničová Nagyová, PhD; <https://www.who.int/our-work/sciencedivision/behavioural-insights/TAG-on-behavioural-insights-and-sciences-for-health-biographies>

Member of the WHO / Europe Advisory Committee on Health and Sustainable Development Goals - Advisory Expert Group on Health and Sustainable Development Goals - Mgr. Iveta Rajničová Nagyová, PhD; <http://www.euro.who.int/en/health-topics/health-policy/sustainable-development-goals>

Member of the WHO / Europe Advisory Committee on Non-Communicable / Chronic Diseases (NCDs). Regional Director's Advisory Council on Innovation for Noncommunicable Diseases - Mgr. Iveta Rajničová Nagyová, PhD; <https://www.euro.who.int/en/about-us/regional-director/news/news/2020/12/whoeurope-forms-ncd-advisory-council-to-inspire-and-reform-prevention-and-management-of-ncds>

Member of the 7-member Jury of the European Commission "2020 EU Health Award: Call on vaccination". The Commission was composed of representatives of prestigious international organizations and institutions: EC DG SANTE, RTD, EAC; WHO, OECD, UNICEF. Mgr. Iveta Rajničová Nagyová, PhD, was selected as the EUPHA representative; https://ec.europa.eu/health/award/call_vaccination_en

Member of the International Scientific Committee 16th World Congress on Public Health 2020, Online event, 12–16 October 2020 CET;

Member of the Commission of the Ministry of Health of the Slovak Republic for the creation, implementation and revision of standard procedures for the implementation of PpPV prevention - as a representative of the scientific / academic community - Mgr. Iveta Rajničová Nagyová, PhD; <https://www.standardnepostupy.sk/komisia-mz-sr-pre-ppv/>

National Coordinator of the Working Group for Strengthening the Public Health Workforce through Professionalization (BCA cooperation of the Ministry of Health of the Slovak Republic and WHO / Europe) - MUDr. Zuzana Katreniaková, PhD.

Expert guarantor of the informal platform "Prevention Forum" (cooperation with Seesame)- MUDr. Zuzana Katreniaková, PhD.

Member of the advisory group of the crisis staff of the city of Košice for solving the problem of people in housing need in the context of the COVID-19 pandemic (part of a long-term cooperation within the goal "Košice - a city with housing accessible to everyone") - MUDr. Zuzana Katreniaková, PhD.

Member of the Intervention Team of the Ministry of Health of the Slovak Republic for selected residential ZSS - implementation of the alert and emergency intervention project in connection with the COVID-19 pandemic - MUDr. Zuzana Katreniaková, PhD.

MH SR-OPS main - for psychiatry - preparation of psychiatric care reform; OPS for SOP (standard operating procedure) - preparation of SOP for suicidal patient (chairman); OPS for ŠDTP (chairman) - finalization and commenting about 8 ŠDTP - MUDr. Dagmar Breznoščáková, Ph.D.

Psychopharmacological Section SPsS SLS- organization and professional guarantee + program of the all-Slovak psychopharmacological symposium (approx. 180 participants) - November 2020- MUDr. Dagmar Breznoščáková, Ph.D.

Council of Europe - CPT: weekly plenary session - online (November 2020), membership in MHG - expert in psychopharmacology - finalization of the document "PRN treatment"- MUDr. Dagmar Breznoščáková, Ph.D.

Department of Medical Physiology and Sleep Laboratory of UPJŠ FM in Košice

prof. MUDr. Viliam Donič, CSc.

A laboratory for research into advanced methods of artificial lung ventilation and rare gas inhalation (VYMUVEP) was established on 10th floor in the MEDIPARK premises. Head of laboratory prof. Donich.

Prof. MUDr. Viliam Donič, CSc.

Submitted: NFP313010ASX1 "Design and implementation of advanced methods of ventilation treatment and diagnosis of viral pneumonias, including Covid-19 with the possibility of their rapid adoption" (project guarantor, Prof. Viliam Donič, MD, CSc.) The project worth EUR 4.3 million was approved by the VVA.

Prof. MUDr. Viliam Donič, CSc.

He submitted a project under the EXPO 2020 DUBAI COVID-19 CALL FOR PROPOSALS on 31.12.2020 entitled Implementation of advanced lung ventilation and diagnostic methods in Covid-19, importance for today and tomorrow.

Department of Pathological Physiology UPJŠ FM

In the years 2011-2020, the interdepartmental cooperation of the Institute of Pathological Physiology (Doc. MUDr. Roman Beňačka, CSc., mim.prof.) within the project: In-depth spectrophotometric measurement of brain tissue oxygenation using NIRS (near-infrared spectroscopy) in critically ill new-borns. in cooperation with the Department of Neonatology DFN (P. Krcho, MD, PhD, S. Rusnáková, MD, external aspirator ÚPF FM UPJŠ monitoring and evaluation of oxygenation parameters in high-risk new-borns)

Associated Tissue Bank of UPJŠ FM and UN LP in Košice

Based on the cooperation agreement between the Košice self-governing region and UPJŠ, ZTB employees, in addition to other scientific activities, regularly performed viral RNA isolation and diagnostics of the presence of Covid-19 using real-time PCR. In the period from 05 / 2020-12 / 2020, more than 2,000 samples of buccal mucosa from the throat and nose were examined in our country.

Department of Nuclear Medicine UPJŠ FM and Institute of Nuclear and Molecular Medicine

In 2020, new diagnostic methods were introduced:

1. ^{99m}Tc-ERY - MUGA test SPECT / CT for evaluation of ventricular cardiac function in patients with management of cardiotoxic chemotherapy complications - the only workplace in the Slovak Republic.
2. Introduction of examinations with new generator radiopharmaceuticals using Gallium-68 for PET / CT - ⁶⁸Ga-DOTA-TOK for the diagnosis of neuroendocrine tumours and ⁶⁸Ga-PSMA for the diagnosis of prostate cancer - only 3 workplaces in Slovakia.

VI. FACULTY FINANCING AND DEVELOPMENT

The UPJŠ Academic Senate approved the breakdown of the state budget subsidy for faculties and university workplaces for 2020, according to which UPJŠ also managed the Faculty of Medicine. The activities of the faculty were provided by multi-source financing. The main source of financing continued to be subsidies from the state budget of the Ministry of Education, Youth and Sports of the Slovak Republic, as well as other ministries obtained in a competitive manner through domestic and foreign grants. In accordance with Act no. 131/2002 Coll. on Higher Education Institutions and on Amendments to Certain Acts, UPJŠ FM also used other sources of financing, which it obtained through its own activities, to ensure its activities. Revenues from tuition fees, tuition fees and further education were a significant source of funding.

In 2020, 3,242 students studied at UPJŠ FM in all forms of study (including PhD students). Of this number, there were 3,056 full-time students (1st and 2nd degree), of which 1,264 students studied in English, the total number of PhD students was 186 (74 daily form, 112 external form). The activities of the faculty were provided by 575.8 employees in the recalculated registration status, of which 329.4 were university teachers, 54.9 research employees and 191.5 other employees.

In 2020, the faculty tried to follow the trend set in the previous year, effectively using all resources in order to achieve a positive economic result.

A significant source was also the funds obtained for the solution of domestic research projects in a competitive form in the total amount of € 1,532,080, which was € 385,233 more than in 2019. Of this total, VEGA projects were € 392,211, KEGA projects 93,737 a total of € 726,415 was obtained from the APVV program projects in the year under review and a total of € 319,717 from the PP-COVID 2020 program (of which € 140,270 for the FM).

In 2020, the financing of the project "RESIDENT" - Further education in the specialized fields of general medicine and paediatrics at UPJŠ FM continued, which was implemented from the EU SF in 2014 and continues in the following years in the form of financing from the Ministry of Health. The financial amount provided for this program in 2020 was € 895,000.

Faculty profit after tax for 2020 - profit in the amount of € 2,186,839.06, of which:

- the economic result of the main activity 2 181 204,63 €
- economic result of business activity 5 634,43 €

In 2020, the faculty achieved a total profit after tax of € 2,186,839.06. The main activity contributed to the achieved economic result with a profit of € 2,181,204.63 (99.7%) and business activity with a profit of € 5,634.43 (0.3%).

Comparison of the economic result after tax for the years 2014 - 2020

2014	2015	2016	2017	2018	2019	2020
375 386	458 686	576 727	805 018	1 299 645	1 909 272,71	2 186 839,06

The management of the faculty, apart from subsidies from the Slovak Republic, is significantly affected mainly by its own revenues from tuition fees and fees associated with studies. The largest items in the cost area were wage costs, including statutory contribution obligations, depreciation of assets, materials and services, levy on the creation of the central fund and social costs (meals, creation of the social fund).

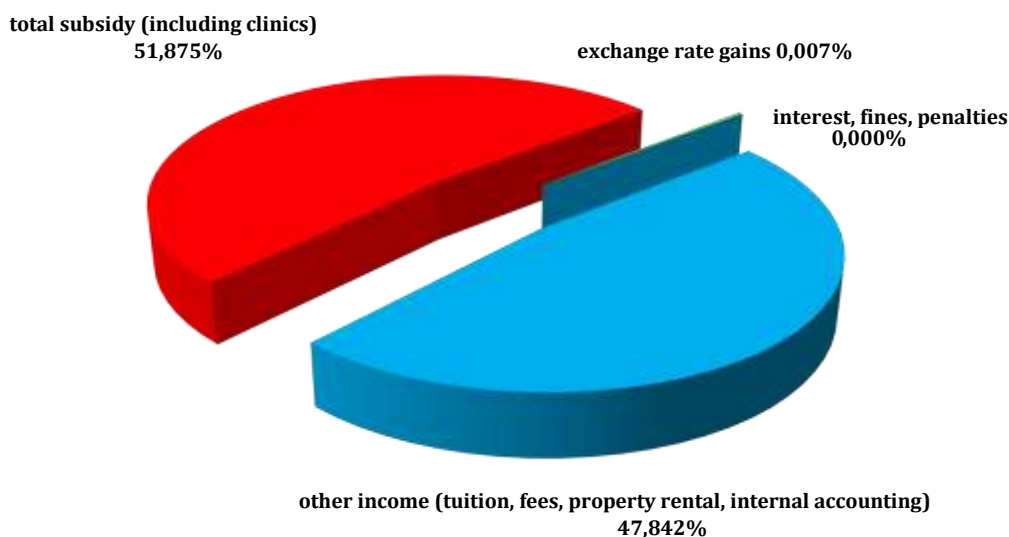
The reported profit was achieved by the faculty in particular:

- from income from tuition fees and tuition-related fees - the most significant part consists of income from students studying in English - by increasing the subsidy by settled receivables from projects
- from short-term rental
- streamlining the overall activities of the faculty - rational and efficient use of funds.

PROFIT ANALYSIS

Indicator	Main activity	Business activity	Together
PROFITS, in which:	29 940 758,66	26 737,26	29 967 495,92
- sales of products. and services	82 555,91	-88,09	82 467,82
- interest, fines, penalties	5,35	4,59	9,94
- exchange rate gains	2 141,68	0,00	2 141,68
- other income (tuition, fees, property rental, internal accounting ...)	14 310 313,87	26 820,76	14 337 134,63
- total subsidy (including clinics)	15 545 741,85	0,00	15 545 741,85

Profit overview for 2020 (in%)

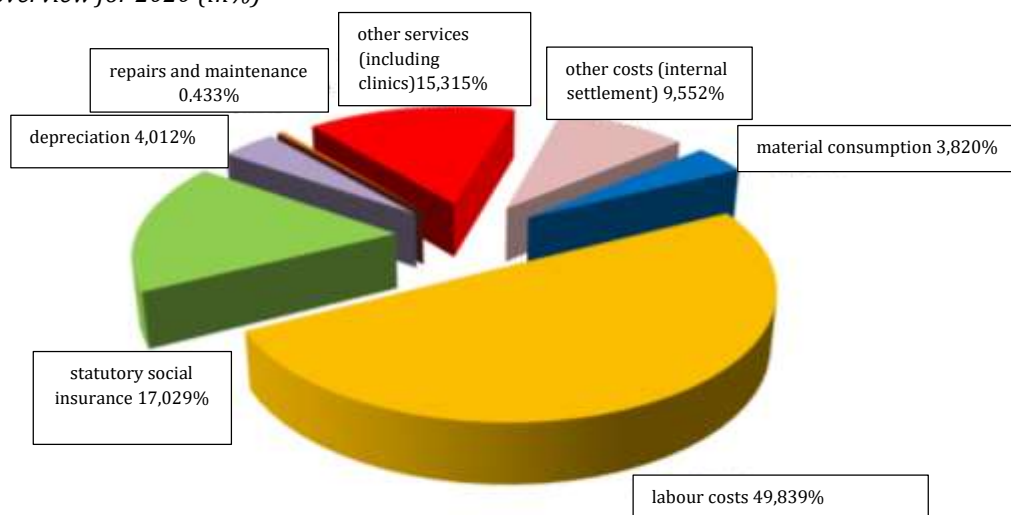


The main source of revenue is a subsidy from the state budget, which accounts for 51.9% of total profit. The other most important source in terms of volume is income from tuition fees and income from donations from legal and natural persons (47.8%).

COST ANALYSIS

Indicator	Main activity	Business activity	Together
COSTS, in which:	27 759 553,07	19 384,42	27 778 937,49
- material consumption	1 061 269,92		1 061 269,92
- labour costs	13 844 626,14		13 844 626,14
- statutory social insurance	4 730 361,91		4 730 361,91
- depreciation	1 114 513,82	1,90	1 114 515,72
- energy	0,00	0,00	0,00
- repairs and maintenance	120 234,12	0,00	120 234,12
- other services (including clinics)	4 254 364,57	28,70	4 254 393,27
- other costs (internal settlement)	2 634 182,59	19 353,82	2 653 536,41

Cost utilization overview for 2020 (in%)



The decisive amount of wage costs, including statutory social insurance, contributes to the total costs, which together account for 66.87% of the total costs. Another significant item of costs is depreciation (4.0%), the amount of which decreased year-on-year by € 367,000. The item other services mainly include the costs of clinical practices, which represents up to € 1,556,296, commissions for study mediation € 1,085,913, costs of lecturing within the residency program € 1,101,363, postage costs, telephone fees € 29,764, conference fees (deposit) 9 782 €, printing of books and magazines, legal services, laundry, revision of equipment, waste collection, etc. The item other costs mainly include scholarships of PhD students settled in costs 713 396 €, levy on the creation of the central fund 962 355 €, statutory social costs 394 907 € (including contribution to employees for meals 139 278 €, creation of social fund - allocation 146 198 €, compensation income at PN 44 050 €), travel costs 22 806 €, intra-organizational settlement (print scripts, transfer of 10% of indirect costs from grants) and other. Under the cost item material consumption in the main activity (€ 1,061,270), the use of chemicals and other materials to provide teaching, including teaching aids in connection with teaching students, was charged in the total of € 624,899, and on books and magazines were spent € 71,245. Funds used for the renewal and development of the faculty accounted for in the cost item repairs and maintenance the amount of 125,743 €, respectively. on the item other services are listed in more detail in the section Renewal and development of UPJŠ FM. Energy costs are charged to the central account of UPJŠ.

Analysis of wage expenditures

SUBSIDY RESOURCES (in €)

Faculty			Approved budget state subsidy for 2020	Budget adjustments		Adjusted budget state subsidy for 2020	Drawing wages. prostr. from the subsidy state budget for 2020	Wages for 12/2020 paid in 1/2021	% drawing
	Balances from 2019	Drawing of the balance from 2019		Rector's fund	Internal budget adjustments				
077 11 01	498 478,17	498 478,17	5 041 823,00		672 460,00	5 714 282,82	5 122 894,10	519 406,15	98,74
Subprogram 077 12 01									
I-06-001-00	199 057,91	199 057,91	1 825 225,00		115 586,00	1 940 811,00	1 748 106,49	136 450,01	97,10
I-12-001-03 post PhD students	22 448,68	22 448,68				27 517,00	4 586,19	2 293,11	25,00
I-16-006-00 EXTASY	0,00	0,00				17 250,00	17 250,00	0,00	100,00
VVGS									
I-19-003-21 (VVGS) Rimárová	1 092,00	1 092,00						0,00	0,00

I-19-003-22 (VVGs) Špaková	887,00	887,00						0,00	0,00
I-19-003-23 (VVGs) Smolko	887,00	887,00						0,00	0,00
I-20-003-02 (VVGs) Kimáková						1 529,00	1 529,00	0,00	100,00
I-20-003-03 (VVGs) Diabelková						1 183,00	1 183,00	0,00	100,00
I-20-003-18 (VVGs) Vecanová						254,20	0,00	0,00	0,00
I-20-003-20 (VVGs) Rimárová						1 183,00	1 183,00	0,00	100,00
Together VVGs	2 866,00	2 866,00	0,00	0,00	0,00	4 149,20	3 895,00	0,00	93,87
Subprogram 077 12 02									
VEGA	1 443,00	1 443,00			17 514,30	17 514,30	12 441,00	0,00	71,03
Subprogram 077 12 05									
KEGA	1 033,00	1 033,00			1 025,00	1 025,00	1 025,00	0,00	100,00
Subprogram 06K									
APVV (other. account.)	8 615,86	8 615,86			105 794,76	105 794,76	103 728,32	21 417,94	118,29
07B0307 Minist. subsidy.									
subsidy from the Ministry					25 968,48	25 968,48	14 691,70	0,00	56,58
07B0104 Resident									
Residents	4 767,60	4 767,60			26 244,36	26 244,36	26 244,36	2 921,31	111,13
Together	738 710,22	738 710,22	6 866 508,00	0,00	964 595,90	7 880 556,92	7 054 862,16	682 488,52	98,18
SF							126 041,20		
Leaving						65 381,00	65 381,00		
Severance pay									

NO-SUBSIDY RESOURCES

In addition to subsidy sources, the faculty also used domestic non-subsidy sources to finance wages in the total amount of € 6,074,343, which were used mainly for:

- part of tariff salaries, personal salaries 664 408 €
- personal allowances and other allowances 1 810 326 €
- compensation 587 538 €
- remuneration (for teaching foreign students, annual remuneration, etc.) 2 901 275 €
- off-site agreements ratio 110 796 €

Resources from abroad were used in the amount of 6 063 € (Groningen)

- part of tariff salaries and other acc. 917 €
- personal allowances 1 109 €
- remuneration 4 037 €

VI. Faculty financing and development

The Structural Funds were used in the amount of	34 128 €
<input type="checkbox"/> part of tariff salaries and other acc.	15 793 €
<input type="checkbox"/> personal allowances	1 451 €
<input type="checkbox"/> remuneration	16 884 €
Business resources used in the amount of	5 536 €
<input type="checkbox"/> part of tariff salaries and other acc.	4 712 €
<input type="checkbox"/> personal allowances	824 €

For off-site agreements. resources (subsidy and non-subsidy) were used in the total amount of 160 288, - € in the following structure:

Other personnel costs

subsidy: 077 11 01, 07712, 077 13, 06K	other sources	foreign sources	struct. funds	Together
49 492 €	110 796 €	0	0	160 288 €

Within the framework of agreements outside the employment relationship, agreements on work activities and agreements on the performance of work were concluded, which mainly concerned external teaching, agreements for reviews (PhD., Prof., Doc.), Work on grants, etc.

The following tables provide an overview of paid personal allowances and remuneration within salary funds by source:

Personal allowances

Total personal allowances	% Of OP from total tariff salaries
1 903 686	21,72
of which SB 103 168	1,38

Remuneration

From the Slovak subsidy	Other non-subsidy sources			Together
	Other domestic resources	Sources from abroad	Resident	
108 508 €	2 901 275 €	20 921 €	0	3 030 704 €

The table shows that in 2020, total compensation of employees in the amount of € 3,030,704 was paid. This item includes semi-annual and annual remuneration paid to employees, as well as other remuneration (for teaching foreign students, project developers, specialization...)

Student social support

Social scholarships - comparison

2018	2019	2020
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Amount paid (€)	Number of students	Amount paid (€)	Number of students	Amount paid (€)	Number of students
261 465	□ 107,5	216 790	□ 117,11	175 205	□ 75,9

UPJŠ FM students were paid a lower financial amount for social scholarships in 2020 than in previous years, the average number of students receiving a social scholarship decreased by 41.2 per year. In 2020, scholarships in the total amount of € 713,396 were paid to internal PhD students (accounted in expenses).

Motivational scholarships were paid to students in 2020 in the total amount of € 138,580. As of 31 October 2020, the number of daily from PhD students was 74, which is 3 PhD students less than in 2019.

ACCOUNTING OF CAPITAL SUBSIDY

In 2020, the UPJŠ Faculty of Medicine was provided with capital funds, which were earmarked in connection with the increase in the number of general medicine students compared to the plan by 80 students. The Ministry of Education, Youth and Sports provided them at the request of the faculty in connection with the construction of a simulator centre for the purchase of simulators in the total amount of € 800,000. These funds were not used in 2020 due to the extension of the administrative procurement procedure and will be used in 2021.

The necessary investment shares were provided by the faculty during the evaluated period from its own sources of financing through the reproduction fund.

Overview of balances on individual bank accounts as at 31 December 2020 (in €)

Subsidy account	0
Basic current account	6 135 267,89
Social Fund	25 206,73
Scholarship account	0
Business account	31 224,91
Donation account	48 293,29
FM foreign currency account (USD / €)	35 638,53
Current account balance	3 521 671,98
TRANSFEC	50 330,40
BIOMARKERY	12 214,42
DepDemGen	17 542,52
Together	9 877 390,67

INOVATION AND DEVELOPMENT

In the evaluated period, UPJŠ FM used its own resources to complete the insulation of the building of Theoretical Institutes in Trieda SNP 1, the beginning of the reconstruction of water of II. section of the building of Theoretical Institutes on st. Tr. SNP 1, where a total of € 1,429,000 was refinanced in 2020, the reconstruction of the Institute of Anatomy at Šrobárova 2 st., where € 223,000 was reinvested in 2020, also began the reconstruction of the Institute of Histology and Embryology, where the cost in 2020 was € 10,000. In addition to the funds spent on repairs, maintenance and overhaul of equipment, purchase of new devices and replacement of obsolete ICTs, the Faculty of Medicine also invested from its own resources in the renovation of the interior of the building at Trieda SNP 1 and Šrobárova 2 street.

In 2020, in addition to the above items - insulation, reconstruction of water risers, reconstruction of the Institute of Anatomy, Institute of Histology - more than € 125,743 was invested in the renewal, reconstruction, equipment of the premises, but mainly to improve the teaching process and ensure safe operation of the faculty.

An overview of selected items of work, services and equipment is given in the table:

Name	Price in €
Office furniture, school desks, chairs	26 271,00
Delivery and installation of floor coverings, carpets	21 484,00
Computer technology (PC, monitors, printers, copying equipment)	19 002,00
Delivery and installation of air conditioning equipment	12 933,00
Carpentry work	8 779,00
Disposal and disposal depreciation. property and hazardous waste	7 719,00
Defibrillator	7 200,00
Replacement part to cardiol. probe	6 540,00
Delivery and installation of blinds	4 772,00
Measuring technology	4 062,00
Sludge pump repair	3 997,00
Electrical installation material	2 984,00
Together	125 743,00

Part of the purchases of devices, equipment as well as computer technology was made in 2020 at several workplaces of the Faculty of Medicine and from sources obtained within the internal grant system.

Within its financial capabilities, UPJŠ FM will continue in the following period in further work on the modernization, renovation of the building and the improvement of the environment for the benefit of students and faculty staff.

In terms of achieved economic results, the year 2020 was one of the next very successful years for UPJŠ Faculty of Medicine. Despite the unfavourable pandemic situation, thanks to the acquisition of a significant amount of non-grant resources, the faculty succeeded throughout 2020 by ensuring the smooth operation of the faculty and quality of education in all study programs, providing the necessary material equipment and improving the workplace environment and faculty interiors for more cultural conditions of students and faculty employees. By creating a positive economic result, it has created favourable conditions for the completion of work on the insulation of the building of the Theoretical Institutes of UPJŠ FM on Trieda SNP 1 st., continuation of the necessary reconstruction works on the water and electricity risers on this building and also the necessary reconstruction works on the renovation of the UPJŠ FM buildings on Šrobárova 2 street.

VII. EMPLOYEES

Recalculated numbers of employees

Category	As of 31.12.2014 FO	Year 2014 recalculated	As of 31.12.2015 FO	Year 2015 recalculated
regular professors	40	37,931	36	36,637
Adjunct professors	14	10,495	14	14,086
professors included as ass. prof.	0	0,390	0	0,000
professors classified as AP	5	4,032	7	4,459
Associate Professors	29	31,537	33	31,716
associate professors classified as AP	13	9,579	11	7,625
assistant professors with PhD.	140	113,951	157	120,303
assistant professors without PhD.	32	25,866	27	25,366
assistants	40	30,251	43	30,008
lecturers	4	3,699	4	2,486
research with UD with D.Sc.	2	1,200	2	1,200
research with UD with PhD.	47	41,038	44	42,565
research with UD without PhD.	9	7,680	11	6,862
research with HS	2	2,000	2	2,000
central administration	32	31,537	35	32,904
other administration	34	32,203	34	32,274
professional staff	52	52,557	56	50,628
operating staff	53	52,554	54	52,482
Together	548	488,500	570	493,601

Category	As of 31.12.2014 FO	Year 2014 recalculated	As of 31.12.2015 FO	Year 2015 recalculated
university teachers	317	267,731	332	272,686
researchers	58	51,918	59	52,627
other staff	173	168,851	179	168,288
Together	548	488,500	570	493,601

VII. Employees

Category	As of 31.12.2016 FO	year 2016 recalculated	As of 31.12.2017 FO	year 2017 recalculated
regular professors	36	35,076	36	34,946
Adjunct professors	15	14,857	14	14,503
professors included as ass. prof.	0	0,000	0	0,291
professors classified as AP	6	5,003	5	3,790
Associate Professors	36	34,278	38	35,701
associate professors classified as AP	11	7,606	13	8,458
assistant professors with PhD.	159	125,178	173	125,504
assistant professors without PhD.	20	18,525	18	15,963
assistants	69	36,624	89	50,632
lecturers	3	2,300	3	2,301
research with UD with D.Sc.	2	1,200	2	1,200
research with UD with PhD.	44	41,348	47	42,926
research with UD without PhD.	11	8,774	15	9,441
research with HS	1	1,333	1	1,000
central administration	35	33,450	35	33,852
other administration	37	33,478	38	35,150
professional staff	53	51,147	52	51,292
operating staff	55	52,763	55	53,584
Together	593	502,940	634	520,534

category	As of 31.12.2016 FO	year 2016 recalculated	As of 31.12.2017 FO	year 2017 recalculated
university teachers	355	279,447	389	292,089
researchers	58	52,655	65	54,567
other staff	180	170,838	180	173,878
Together	593	502,940	634	520,534

Category	As of 31.12.2018 FO	year 2018 recalculated	As of 31.12.2019 FO	year 2019 recalculated
regular professors	38	36,657	37	37,214
Adjunct professors	12	12,716	11	11,424
professors included as ass. prof.	0	0,000	0	0,000
professors classified as AP	6	4,376	9	5,882

Associate Professors	43	40,050	44	42,379
associate professors classified as AP	12	8,122	18	7,761
assistant professors with PhD.	183	130,503	195	137,989
assistant professors without PhD.	14	13,910	16	11,876
assistants	105	60,187	110	65,718
lecturers	3	2,299	2	2,098
research with UD with DrSc.	2	1,136	1	1,000
research with UD with PhD.	45	45,408	50	44,682
research with UD without PhD.	11	7,718	10	7,033
research with HS	1	1,000	0	0,833
central administration	36	34,509	37	35,947
other administration	39	37,103	40	36,442
professional staff	57	51,281	67	61,765
operating staff	55	52,853	53	53,157
Together	662	539,828	700	563,200

Category	As of 31.12.2018 FO	year 2018 recalculated	As of 31.12.2019 FO	year 2019 recalculated
university teachers	416	308,820	442	322,341
researchers	59	55,262	61	53,548
other staff	187	175,746	197	187,311
Together	662	539,828	700	563,200

Category	As of 31.12.2020 FO	year 2020 recalculated
regular professors	38	36,395
Adjunct professors	10	10,376
professors included as ass. prof.	0	0,000
professors classified as AP	9	6,083
Associate Professors	48	45,675
associate professors classified as AP	15	9,129
assistant professors with PhD.	193	140,074
assistant professors without PhD.	11	11,047
assistants	113	68,629
lecturers	2	2,000
research with UD with D.Sc.	0	0,792
research with UD with PhD.	53	46,041

research with UD without PhD.	14	8,036
research with HS	0	0,000
central administration	38	35,779
other administration	42	38,238
professional staff	66	65,162
operating staff	55	52,381
Together	707	575,837

category	As of 31.12.2020 FO	year 2020 recalculated
university teachers	439	329,408
researchers	67	54,869
other staff	201	191,560
Together	707	575,837

Tenders conducted

To be cast:	2012	2013	2014	2015	2016	2017	2018	2019	2020
heads	26	41	3	15	13	34	4	17	9
professors	7	5	21	4	6	12	3	5	4
associated professors	12	4	15	8	10	19	10	9	13
higher education teaching posts	22	52	42	40	57	72	52	90	51
researcher jobs	8	10	5	18	10	19	12	16	9
together	75	112	86	85	96	156	81	137	86

VIII. ACADEMIC SENATE

SCOPE

The supreme body of self-government of universities and their faculties are the academic senates, whose rights, duties and competencies are determined by § 8 and § 9, resp. § 26 and § 27 of Act no. 131/2002 Coll. on Higher Education Institutions and on Amendments to Certain Acts.

The Academic Senate of UPJŠ FM (hereinafter referred to as “AS UPJŠ FM”) is elected by members of the academic community of UPJŠ LF (hereinafter referred to as “AC UPJŠ FM”), which are university teachers, researchers and employees with higher education who are employed by UPJŠ FM with a minimum of 0.5 established weekly working hours (employee part of AC UPJŠ FM), and students of bachelor's, master's, doctoral and doctoral studies carried out at UPJŠ FM (student part of AC UPJŠ FM).

Meetings of AS UPJŠ FM are public and accessible to every member of AC UPJŠ FM, to whom AS UPJŠ FM is responsible for its activities.

COMPOSITION

AS UPJŠ FM continued its activities during the second year of the 2019–2023 term of office with 39 members, with 24 members representing the staff and 15 members representing the student part of AS UPJŠ FM. During 2020, which was largely marked by the pandemic of the new coronavirus and the restrictions adopted to prevent its spread, however, up to five places in the student part of AS UPJŠ FM were gradually vacated. Despite the announced by-elections to the student part of AS UPJŠ FM (October 14, 2020), these positions could not be filled, as pandemic measures and the state of emergency in Slovakia did not allow them to be implemented in accordance with the Principles of Elections to AS UPJŠ FM. Additional elections to the student part of AS UPJŠ FM were therefore gradually postponed until the teaching part of the summer semester of the academic year 2020/2021. However, due to the continuing unfavorable pandemic situation, this also began in a distance manner, which again delayed the date of the announcement of by-elections to the student part of AS UPJŠ FM. For this reason, it will be necessary in the next period to open the issue of amendments to the Principles of Elections to the UPJŠ FM AS.

Employee part of AS UPJŠ FM:

1. doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof., vice-president of AS UPJŠ FM for the employee part
2. doc. Ing. Jaroslav Majerník, PhD., president AS UPJŠ FM
3. 3. prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN
4. doc. MUDr. Matej Škorvánek, PhD.
5. doc. MUDr. Radoslav Morochovič, PhD.
6. prof. MUDr. Jana Kačuchová, PhD., MBA
7. doc. RNDr. Ján Sabo, CSc., mim. prof.
8. prof. MUDr. Gabriel Valočik, PhD.
9. doc. MUDr. Pavol Joppa, PhD.
10. MVDr. Alojz Bomba, DrSc. (*until September 2020*)
11. doc. MUDr. Marek Lacko, PhD.
12. MUDr. Eduard Veseliny, PhD.
13. Ing. Martina Hámorská
14. MUDr. Silvia Farkašová Iannaccone, PhD.
15. doc. RNDr. Miroslava Rabajdová, PhD.
16. MUDr. Ľubomír Lachvác, PhD.
17. doc. MUDr. Jozef Gonsorčík, CSc.
18. doc. MUDr. Jarmila Szilasiová, PhD.
19. doc. MUDr. Martin Janičko, PhD.
20. MUDr. Peter Kizek, PhD.
21. RNDr. Andrej Miroššay, PhD.

22. Dr.h.c. prof. MUDr. Leonard Siegfried, CSc.
23. prof. MVDr. Silvia Rybárová, PhD.
24. prof. MUDr. Viliam Donič, CSc.
doc. MUDr. Ivan Dóci, PhD. *(since October 2020)*

Student part of AS UPJŠ FM:

25. MDDr. Jakub Jánošík, vice-president of AS UPJŠ FM for the student part *(until December 2020)*
26. MUDr. Martin Vrško
27. Michal Králik
28. Lule Tomiq *(until September 2020)*
29. Pavol Čurilla
30. Filip Lukáč
31. Marcel Paľovčík
32. Adam Nedoroščík *(until March 2020)*
33. MUDr. Michal Virág
34. Katarína Tóthová *(until March 2020)*
35. Ester Tomajková
36. Viera Pencáková
37. Martina Ladányiová
38. Kleanthia Efthymiou *(until May 2020)*
39. Karolina Kamila Glińska

The president of AS UPJŠ FM was doc. Ing. Jaroslav Majerník, PhD., Vice-president the employee part doc. MUDr. Peter Urdzík, PhD., MPH, mim. prof. and vice-president for the student part of AS UPJŠ FM MDDr. Jakub Janosik.

In March 2020, students Adam Nedoroščík and Katarína Tóthová resigned from the AS UPJŠ FM. Upon completion of the doctoral study in May 2020, Kleanthia Efthymiou lost the membership in the AS UPJŠ FM. In the same month, student Lule Tomiq applied for suspension of membership in the student part of AS UPJŠ FM due to the termination of her doctoral studies. However, in the new academic year 2020/2021 she did not start her PhD studies and ceased to be a member of AC UPJŠ FM and her membership in AS UPJŠ FM also expired.

In September 2020 MVDr. Alojz Bomba, DrSc. terminated his employment at UPJŠ FM, which terminated his membership in AC UPJŠ FM as well as in AS UPJŠ FM. In accordance with the Principles of Elections to the AS UPJŠ FM and according to the order of the results of the elections to the employee part of the AS UPJŠ FM, which took place on March 6, 2019, doc. MUDr. Ivan Dóci, PhD took the place instead.

MDDr. Jakub Jánošík also left his PhD studies at UPJŠ FM in December 2020 and lost his membership in AS UPJŠ FM.

WORKING COMMITTEES

AS UPJŠ FM established its working commissions for the term of office 2019-2023, which participated in the preparation of documents for the meetings of AS UPJŠ FM. The individual working commissions of AS UPJŠ FM worked in the following composition.

COMMISSION ON LEGISLATION, PERSONNEL AND ORGANIZATIONAL STRUCTURE:

President: JUDr. Monika Kajla, PhD.
Members: RNDr. Andrej Miroššay, PhD.
MUDr. Peter Kizek, PhD.
doc. MUDr. Marek Lacko, PhD.
MUDr. Martin Vrško

Marcel Paľovčík
MUDr. Michal Králik

ECONOMIC AND BUDGET COMMISSION:

President: prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN
Members: RNDr. Andrej Miroššay, PhD.
MUDr. Eduard Veseliny, PhD.
Marcel Paľovčík
Adam Nedoroščík (*until March 2020*)
MUDr. Michal Králik
Filip Lukáč

COMMISSION FOR EDUCATIONAL WORK AND STUDY AFFAIRS:

President: doc. MUDr. Peter Urdzík, PhD., MPH, mim.
Members: prof. MUDr. Jana Kaťuchová, PhD., MBA
prof. MUDr. Silvia Rybárová, PhD.
doc. MUDr. Pavol Joppa, PhD.
doc. MUDr. Jarmila Szilasiová, PhD.
doc. MUDr. Jozef Gonsorčík, CSc.
Ing. Martina Hámorská
MDDr. Jakub Jánošík (*until December 2020*)
Adam Nedoroščík (*until March 2020*)
Ester Tomajková
Lule Tomiq (*until September 2020*)
Kleanthia Efthymiou (*until May 2020*)

SCIENCE AND RESEARCH COMMISSION:

President: doc. MUDr. Matej Škorvánek, PhD.
Members: MUDr. Alojz Bomba, DrSc. (*until September 2020*)
doc. RNDr. Miroslava Rabajdová, PhD.
prof. MUDr. Jana Kaťuchová, PhD. MBA
doc. MUDr. Radoslav Morochovič, PhD.
doc. RNDr. Ján Sabo, CSc., mim. prof.
Ester Tomajková
Katarína Tóthová (*until March 2020*)
Lule Tomiq (*until September 2020*)
MUDr. Michal Virág
Pavol Čurilla
Kleanthia Efthymiou (*until May 2020*)

ETHICS COMMISSION:

President: MUDr. Silvia Farkašová Iannaccone, PhD.
Members: prof. MUDr. Silvia Rybárová, PhD.
JUDr. Monika Kajla, PhD.
doc. MUDr. Martin Janičko, PhD.
MUDr. Peter Kizek, PhD.
MUDr. Ľubomír Lachváč, PhD.
doc. MUDr. Radoslav Morochovič, PhD.
Pavol Čurilla
Viera Pencáková
Katarína Tóthová (*until March 2020*)
Martina Ladányiová

Karolina Kamila Glińska
MUDr. Martin Vrško

ELECTION AND MANDATE COMMISSION:

President: MUDr. Lubomír Lachváč, PhD.

Members: doc. RNDr. Miroslava Rabajdová, PhD.

Ing. Martina Hámorská

MDDr. Jakub Jánošík (*until December 2020*)

Viera Pencáková

Pavol Čurilla

Substitutes: MVDr. Alojz Bomba, DrSc. (*until September 2020*)

Katarína Tóthová (*until March 2020*)

ACTIVITY

During the second year of the 2019-2023 term of office, AS UPJŠ FM met a total of 5 times with an average participation of 28 members of AS UPJŠ FM (82% of the current number of members), with one meeting being held in distance form. The four scheduled regular meetings of AS UPJŠ FM were canceled due to pandemic measures, but AS UPJŠ FM used the possibility of per-rollam voting in necessary cases. In the current term of office, AS UPJŠ FM met 13 times with an average participation of 31 members of AS UPJŠ FM (84% of the current number of members). The average time of meetings during AS UPJŠ FM meetings was 2 hours and 45 minutes.

At meetings and per rollam by voting during the second year of the 2019-2023 AS UPJŠ FM adopted a total of 36 resolutions. Among other things, the UPJŠ FM AS approved an amendment to the Schedule of the academic year 2019/2020, Report on the activities of the UPJŠ FM Academic Senate in the period from March 2019 to February 2020, draft UPJŠ FM budget for 2020, draft Study Regulations of Pavel Jozef Šafárik University in Košice, Faculty of Medicine, Report on the activities of UPJŠ FM for the year 2019, Annual report on the management of UPJŠ FM for the year 2019, conditions of admission to study at UPJŠ FM for the academic year 2021/2022, proposal of the Dean of UPJŠ FM for the appointment of doc. MUDr. Petr Urdzík, PhD., MPH, mim. prof. and prof. MUDr. Ján Murín, CSc. for members of the Scientific Board of UPJŠ FM.

UPJŠ FM AS took note of information on UPJŠ FM management activities aimed at establishing the UPJŠ FM training base in Prague in cooperation with Charles University in Prague and on the draft UPJŠ Rules in Košice, which determine the conditions for the distribution of reimbursed personnel costs within projects scheme.

AS UPJŠ FM asked the management of UPJŠ FM to continue negotiations with the new management of the L. Pasteur University Hospital in Košice on the re-establishment of II. gynaecological and obstetric clinic, workplace Rastislavova 43 in Košice and on the creation of a medical part (inpatient and outpatient health care) of II. Department of internal medicine of UPJŠ FM and UNLP Košice. AS UPJŠ FM also asked the management to make any requests from the Ministry of Education, Youth and Sports of the Slovak Republic to increase the number of students in individual study programs taught at UPJŠ FM conditional on ensuring an adequate increase in funding associated with quality teaching throughout the study. capacity, material and personnel possibilities of UPJŠ FM. UPJŠ FM AS also requested the management of UPJŠ FM to deal intensively with false information published in regional dailies concerning UPJŠ FM, its employees or its students.

AS UPJŠ FM agreed with the request of the Ministry of Education, Youth and Sports of the Slovak Republic to increase the number of accepted students by 80 in the study program general medicine in the academic year 2020/2021. However, AS UPJŠ FM did not fundamentally agree with the proposed measures of the National Integrated Reform Plan, which are aimed at cutting, resp. the demise of academic self-government, autonomy and freedom of higher education institutions and rejected the management of science, research and innovation on the basis of political nominations.

AS UPJŠ FM dealt with proposals for changes in the Organizational Rules of UPJŠ FM at individual meetings.

The creation of following was also approved:

- work places in the category of university teachers at:
 - Department of gynaecology and obstetrics of UPJŠ FM a UNLP (2)
 - Department of Geriatrics and Nursing UPJŠ FM and VŠOÚG sv. Luke, n. o. (1,3)
 - Department of Medical and Clinical Biophysics UPJŠ FM (1)
 - Department of Gerontology and Geriatrics UPJŠ FM and University Hospital-Hospital of St. Michala, a. s., workplace Košice (0,5)
- outpatient MEDICOMP, s. r. o. (2)
- outpatient of MUDr. Kövályová - general practitioner's outpatient clinic for adults (1)
- work places in the researcher's category at:
 - Department of Occupational Medicine and Clinical Toxicology UPJŠ FM a UNLP (1)
 - Department of Pneumology and Phthisiology UPJŠ FM and UNLP (2)
- work places in the category of other staff at:
 - Dean's Office UPJŠ FM (2)
 - Department of Medical and Clinical Biophysics UPJŠ FM (1)

CONCLUSION

In the second year of its activity, AS UPJŠ FM tried to approach the solution of UPJŠ FM, its employees as well as students pragmatically in order to support measures and solutions leading to the development of UPJŠ FM. While in previous years the focus was on relations with teaching bases (UNLP), in 2020 it was a pandemic and an announced amendment to the Higher Education Act, which aims to significantly reduce academic self-government and politicize higher education. Such changes to the Act on Higher Education Institutions AS UPJŠ FM are fundamentally rejected. On the contrary, AS UPJŠ FM appreciates the activities of volunteers from the ranks of employees and students of UPJŠ FM and expressed their gratitude for their exemplary, selfless and sacrificial help, which they show during the COVID-19 pandemic, especially in the field of laboratory diagnostics, thus significantly contributing to improvement. epidemiological situation in Slovakia.

SP AS UPJŠ FM has been actively involved in providing hospital assistance since March 2020, when the COVID-19 pandemic began in Slovakia. SPJ UPJŠ FM members were contacted by hospitals from all over eastern Slovakia with requests for staff assistance from UPJŠ FM students. During the first wave of the pandemic, up to 176 of our students signed up for this help, helping a total of 14 hospitals and highly specialized facilities in this way. Based on other increasing requirements, SP AS UPJŠ FM decided to participate in the creation and administration of the internet platform smepriraveni.sk, which served to ensure communication between medical facilities and medical students from all over Slovakia. SP AS UPJŠ FM also provided personnel assistance during the pilot and the first area-wide testing in cooperation with the Ministry of the Interior of the Slovak Republic. During the second wave of the pandemic, the AS UPJŠ FM activated another 100 students in hospitals to help directly to the individual departments of the hospitals. During the entire duration of distance learning, SP AS UPJŠ FM ensured active communication between UPJŠ FM and its students, participated in the preparation of the UPJŠ FM Simulator and Virtual Medicine Centre and contributes to increasing the level of education at our alma mater through many other activities.

The individual resolutions, reports and internal regulations of UPJŠ FM, which were approved in AS UPJŠ FM in 2020, were the result of creative and targeted cooperation between AS UPJŠ FM and the management of UPJŠ FM. To ensure this, the members of the UPJŠ FM management regularly participated in the meetings of the UPJŠ FM AS, as well as the chairman of the UPJŠ FM AS, resp. a member of the UPJŠ FM AS authorized by him regularly participated in meetings of the UPJŠ FM management.

In the second year of its activity, AS UPJŠ FM included in its agendas all proposals that were delivered by members of AC UPJŠ FM, AS UPJŠ FM or UPJŠ FM management and voted on them in accordance with the valid wording of the Rules of Procedure of AS UPJŠ FM. Despite differing opinions on the solution of some problems and opinion confrontations, the members of AS UPJŠ FM were always able to take a stand and decide on approval or non-approved resolutions so that, according to their knowledge and conscience, they contribute to the development of our alma mater and do not disappoint the trust of the members of AC UPJŠ FM, who elected them to AS UPJŠ FM.

IX. TRADE UNION

As of 31 December 2020, 111 members of the basic organization of the Trade Union of Education and Science Workers were registered at UPJŠ FM, of which 1 employee was on maternal leave.

Based on the Dean's Decision no. 3/2019, which issues the principles for the creation and use of the Social Fund UPJŠ FM Art. II. the use of the social fund was drawn as follows:

- **point. 1** For meals in excess of generally applicable regulations (§152 ZP), the employer provided a financial contribution for employees in the total amount of € 45,161.08
- **point. 2** In the November payment, employees were paid a one-off allowance for travel to work and back in the total amount of € 46,112.40
- **point. 3** Non-refundable social assistance (in the event of the birth of a child, in the event of the death of a family member and in the event of other extraordinary events - difficult financial situation in the family) non-refundable social assistance was provided to employees in the total amount of € 1,900
- **point. 4** A financial contribution of € 12,458.38 was paid on the occasion of the life and work anniversary
- **point. 5** Employee care - workforce regeneration:
 - **para. 1a** Rehabilitation-regeneration stay of 1 week in 2020 continued VIII. round - second year. The employer overpaid invoices for employees in the total amount of € 16,884.00. The stay was attended by a total of 72 employees, 100 family members, including employees as self-payers and 22 children.

	Employees	Family members	Children
Bardejovské kúpele, a. s., hotel Ozón	47	57	17
Prírodné jódové kúpele Číž	4	8	2
Kúpele Červený Kláštor, a. s., Smerdžonka	8	14	1
Kúpele Výšné Ružbachy, a.s.	3	9	1
Kúpele Nový Smokovec, a.s.	10	12	1
Together	72	100	22

As part of employee care - workforce regeneration, funds were provided in UVZ Danišovce in the amount of € 602.00

- **para. 1c** Cultural events organized by the ZO committee in cooperation with the management of UPJŠ FM: Due to the stricter measures of the COVID-19 pandemic, no trips were organized or planned for trade union members and UPJŠ FM employees.

The SOP commission for the children of the members of our organization provided on the occasion of the ICD for 33 children of trade unionists was paid a financial contribution of 10, - € per child. The Santa Claus package was handed over to 38 children aged 2-15.

VZO received from 3 members (for 4 children) a request for a contribution to the children's summer camp. Member, resp. After submitting the confirmation of payment of the stay, the parents were paid an allowance per child of € 62.50.

Subscription tickets to the State Theatre in Košice for trade union members due to stricter measures of the COVID-19 pandemic were not purchased.

We also did not forget our union members; each member received a Christmas allowance for the regeneration of the workforce worth € 35 each at the end of the year.