

## University of Pécs Faculty of Health Sciences

### Programmes of the Doctoral School of Health Sciences September 2024

**Head of Doctoral School: Prof. Dr. Kiss, István MD., PhD., DSc.**

	Area of Study	Name of Programmeleader / supervisor
<b>Programme Nr. 1 / PR-1</b>	<b>FRONTIERS OF HEALTH SCIENCES</b>	<b>Prof. Dr. Kovács, L. Gábor programme leader</b>
E-1	The effects of social differences on the health care system	Dr. Betlehem, József supervisor
E-2	Role of simulated practical training in health care education	Dr. Betlehem, József supervisor
E-3	Characteristics of medical provision for various types of catastrophic events	Dr. Betlehem, József supervisor
E-4	The context of health economics, quality assurance and performance monitoring in case of public health programmes	Dr. Boncz, Imre supervisor, Dr. Gulácsi, László co-supervisor
E-5	Financial questions of the health care system	Dr. Boncz, Imre supervisor, Dr. Varga, Zoltán co-supervisor
E-7	Recreation - wellness - health condition	Dr. Jeges, Sára supervisor
E-8	System of values - quality of life - health condition	Dr. Jeges, Sára supervisor
E-11	Fundamental questions in health care management	Dr. Kovács, L. Gábor supervisor, Dr. Boncz, Imre co-supervisor
E-12	The health status of the population and social factors.	Dr. Lampek, Kinga supervisor
E-15	Effects of working in three-shift system on biorhythm.	Dr. Oláh, András supervisor, Dr. Ács, Pongrác co-supervisor
E-16	Linguistic aspects of health sciences	Dr. Rébék-Nagy, Gábor supervisor, Dr. Boronkai, Dóra co-supervisor
E-17	Socializing effects of school and family on pupils' lifestyle	Dr. Rétsági, Erzsébet supervisor
E-18	Appearance of health related values among primary and secondary school pupils	Dr. Rétsági, Erzsébet supervisor
E-19	Study of recreational activities among various age groups, with special interest in their physical activity	Dr. Rétsági, Erzsébet supervisor, Dr. Ács, Pongrác co-supervisor
E-20	Epidemiological investigation of territorial health inequalities	Dr. Sándor, János supervisor

E-21	Health status monitoring by secondary database utilization	Dr. Sándor, János supervisor
E-22	Epidemiological investigation of the etiology, and the prevention's and health care services' quality for non-infectious diseases	Dr. Sándor, János supervisor
E-24	Immune system and physical and mental health – the role of recreational sports in health preservation, and the parallel change of exertion ability	Dr. Wilhelm, Márta supervisor
E-27	Special situations in emergency care	Dr. Betlehem, József supervisor Dr. Pandur, Attila András co-supervisor
E-28	Role of social support and activity in preserving and restore a good health condition	Dr. Betlehem, József supervisor, Dr. Gerevich, József co-supervisor
E-29	Exercise induced muscle damage and adaptation mechanisms during long-term resistance training	Dr. Wilhelm, Márta supervisor, Dr. Váczi, Márk co-supervisor
E-30	Neuromuscular adaptations to resistance training	Dr. Wilhelm, Márta supervisor, Dr. Váczi, Márk co-supervisor
E-32	The role of physical activity and sports in health improvement	Dr. Tóth, Ákos Levente supervisor
E-33	Health condition of Hungarian people with disabilities, and possible directions of development in terms of equal opportunities	Dr. Bódis, József supervisor, Dr. Chronowski, Nóra co-supervisor
E-35	Integrative Medicine as a treatment for stress release of different origins	Dr. Hegyi, Gabriella supervisor
E-36	Inhancement of fitness, reduction of stress-response , improving quality of Life by Integrative Medicine therapies	Dr. Hegyi, Gabriella supervisor
E-37	Integrative Medicine: demand and acceptance, possibilities of inserting into Health Care System	Dr. Hegyi, Gabriella supervisor
E-39	International comparative examination of professional minimal conditions' to improve health care services	Dr. Oláh, András supervisor
E-40	Possibilities to improve nursing guidelines and protocols	Dr. Oláh, András supervisor
E-41	Possibilities to improve nursing practice with respect to the international practice	Dr. Oláh, András supervisor
E-42	Development and implementation of electronic nursing documentation	Dr. Oláh, András supervisor
E-43	Psycho-neuro-immunology in clinical practice	Dr. Repa, Imre supervisor
E-44	Disability and quality of life	Dr. Pusztafalvi, Henriette supervisor, Dr. Csókási, Krisztina co-supervisor
E-45	Examination of the nonlinear distortion of the ear	Dr. Pytel, József supervisor, Dr. Lujber, László co-supervisor
E-46	Examination and treatment of motion instability in neurological diseases	Dr. Nagy, Ferenc supervisor, Dr. Kovács, Norbert co-supervisor
E-48	Health science aspects of free flap breast reconstruction	Dr. Kornya, László supervisor
E-49	Comparison of surgical suture materials	Dr. Kornya, László supervisor
E-50	Comparison of breast reconstruction surgeries	Dr. Kornya, László supervisor
E-51	Role of communication in the health care system	Dr. Pusztafalvi, Henriette supervisor

E-56	Social aspects of medical communication	Dr. Lampek, Kinga supervisor, Dr. Máté, Orsolya co-supervisor
E-57	Salutogenesis in university education. Examination of shift of coherence among students of University of Pécs, Faculty of Health Sciences and Faculty of Sciences, depending on the study program	Dr. Jeges, Sára supervisor, Dr. Tóth, Ákos co-supervisor
E-58	The aspects of patients' right and labor law in health care	Dr. Boncz, Imre supervisor, Dr. Ágoston, István co-supervisor
E-59	The current issues of the health capacity regulation and the resource allocations	Dr. Boncz, Imre supervisor, Dr. Ágoston, István co-supervisor
E-60	The current questions and examination of the sex education in the educational institutions	Dr. Pusztafalvi, Henriette supervisor
E-61	Historical epidemiology studies	Dr. Pusztafalvi, Henriette supervisor Dr. Takács, Mária Zsuzsanna co-supervisor
E-62	The effect of physical activity in different kind of neurodegenerative diseases: biomechanical and molecular biological studies	Dr. Atlasz, Tamás supervisor, Dr. Váczi, Márk co-supervisor
E-63	Intercultural competences in healthcare	Dr. Rébék-Nagy, Gábor supervisor, Dr. Németh Tímea co-supervisor
E-64	Prevalence of periodontal diseases among Hungarian population	Dr. Radnai, Márta supervisor
E-65	The change of the effectiveness of acute care due to integrative education	Dr. Betlehem, József supervisor, Dr. Oláh, Tibor co-supervisor
E-66	Decision making in the emergency care	Dr. Radnai, Balázs supervisor
E-67	Analysis of one-day surgical utilization indicators	Dr. Boncz, Imre supervisor, Dr. Endrei, Dóra co-supervisor
E-68	Role of animal-assisted therapy in the recreation	Dr. Tóth, Ákos Levente supervisor
E-69	Utilization and health insurance indicators of outpatient physiotherapy activities	Dr. Molics, Bálint supervisor, Dr. Boncz, Imre co-supervisor
E-70	The study of the correspondence of sense of coherence, parenting styles and health behavior	Dr. Csima, Melinda supervisor, Dr. Sipos, Dávid co-supervisor
E-71	Health monitoring	Dr. Vitrai, József supervisor
E-72	Research of integrated health care systems	Dr. Balogh, Sándor supervisor, Dr. Papp, Renáta co-supervisor
E-73	Patient rights, opportunities of patient rights enforcement in practice.	Dr. Endrei, Dóra supervisor, Dr. Ágoston, István co-supervisor
E-74	Human resource aspects of health care system at policy and institutional level	Dr. Endrei, Dóra supervisor, Dr. Boncz, Imre co-supervisor
E-75	Access to healthcare professionals work satisfaction and health status determining factors	Dr. Lampek, Kinga supervisor
E-76	Regional differences in quality of life	Dr. Takács Péter supervisor
E-77	Health care and financial aspects of quality assurance	Dr. Endrei Dóra supervisor, Dr. Boncz, Imre co-supervisor
E-79	Clinical and economic issues in health technology assesment	Dr. Boncz, Imre supervisor, Dr. Zemplényi, Antal co-supervisor
E-80	Research about the preferences of partner choice and the factors that influence it	Dr. Brantmüller, Éva supervisor, Dr. Pakai, Annamária co-supervisor
E-81	The Practice of analytic chemical methods in the personal identification	Dr. Márk, László supervisor, Dr. Wiegand, Norbert co-supervisor

E-82	Recovery from perinatal loss – Bereavement support	Dr. Lampek, Kinga supervisor, Dr. B. Erdős, Márta co-supervisor
E-83	The impact of migration on health care	Dr. Kobilka, István témavezető
E-84	The study of the correspondence of learning, learning outcomes and mental hygiene	Dr. Deutsch, Krisztina supervisor
E-85	The study of the correspondence of sense of coherence, health behavior and health status in different occupational groups	Dr. Deutsch, Krisztina supervisor, Dr. Kívés, Zsuzsanna co-supervisor
E-86	Transformation of health sciences and science popularization in the digital age	Dr. Csongor, Alexandra supervisor
E-87	Medical and Health Care Communication – Interdisciplinary approaches	Dr. Koppán, Ágnes supervisor
E-88	Interviewing strategies in the patient interview – language tools of assertive communication and empathy	Dr. Lepenye, Katalin supervisor
E-89	Functional-pragmatic analysis of encounters of health providers and patients	Dr. Kóhalmi, Anikó supervisor, Dr. Kráncz, Rita co-supervisor
E-90	The emergency and palliative care aspects of multimorbid or cancer patients	Dr. Pozsgai, Éva supervisor
E-91	Impact of changes in the organisational structure of the Hungarian health care system on health institutions	Dr. Balogh, Sándor supervisor, Dr. Hegedűs, Mihály co-supervisor
E-92	Possibilities to improve nursing practice with respect to the international practice	Dr. Oláh, András supervisor, Dr. Zrínyi, Miklós co-supervisor
E-93	Mental illness and language use: diagnostic and therapeutic options	Dr. Kóhalmi, Anikó supervisor, Dr. Herold, Róbert co-supervisor
E-96	Complex analyses of medical documentation	Dr. Fogarasi, Katalin supervisor, Dr. Patonai, Zoltán co-supervisor
E-97	Narrative investigation of disease awareness	Dr. Gyuró, Mónika supervisor
E-98	Use of virtual reality therapy in neurological patients	Dr. Vajda, Zsolt supervisor, Dr. Tollár, József co-supervisor
E-99	Quality of life of disadvantaged groups in terms of health status	Dr. Erdei, Renáta supervisor
E-100	Forms of palliative care and opportunities for improvement	Dr. Csikós, Ágnes témavezető
E-101	End-of-life wishes and decisions	Dr. Csikós, Ágnes supervisor
E-102	The effect of nurses' awareness of infection control measures on patient and family education	Dr. Kocsis, Béla supervisor
E-103	Examining the role of APRN in Hungarian and international context	Dr. Oláh, András supervisor, Dr. Máté, Orsolya co-supervisor
E-104	The significance and communication of prevention and public health programs	Dr. Máté, Orsolya supervisor
E-105	Assertivity, violation management and multiculturalism among	Dr. Máté, Orsolya supervisor

E-106	Implementation of innovative technologies in health care	Dr. Papp, Renáta supervisor
E-107	Career image and changes in nurses, impact of organisational culture on work stress and career leaving, intervention points and opportunities to maintain health status	Dr. Siket, Adrienn supervisor, Dr. Máté, Orsolya co-supervisor
E-108	Impact of SARS-COV-2 pandemic of GP care	Dr. Balogh, Sándor supervisor
E-111	Examining generational characteristics in the field of health and sports sciences	Dr. Hideg, Gabriella supervisor
E-112	Survey of health behaviour and lifestyle habits of international students in colleague education	Dr. Raposa, László Bence supervisor, Dr. Zrínyi, Miklós co-supervisor
E-113	Investigation of the effectiveness of animal therapy in health care	Dr. Tollár, József supervisor, Dr. Kovács, Árpád co-supervisor
E-114	Application of virtual reality, robotics and modern technological research / therapies in medicine	Dr. Tollár, József supervisor
E-115	Language learning strategies, autonomous language learning and effective teaching techniques in languages for healthcare purposes.	Dr. Hild, Gabriella supervisor
E-117	Opportunities and challenges of first aid education and socialization	Dr. Bánfai, Bálint supervisor
E-118	The added value of integrative medicine for evidence-based medicine	Dr. Szőke, Henrik supervisor
E-119	Evolution and evaluation of the health innovation ecosystem in the international and domestic environment	Dr. Zrínyi, Miklós supervisor, Dr. Lampek, Kinga co-supervisor
E-120	Reform and Sustaining of Superannuation System in Hungary	Dr. Varga, Zoltán supervisor
E-121	The role of the advanced practice nurse (APN) in the community of practice team in each client pathway	Dr. Siket, Adrienn supervisor
E-122	Redefining nursing skills in AI and robotisation, with a particular focus on conditions requiring long-term care.	Dr. Siket, Adrienn supervisor
E-124	Microbiological examination of nosocomial infections and their association with the use of nursing devices	Dr. Takács, Krisztina supervisor
E-125	New directions of health promotion	Dr. Vitrai, József supervisor
E-126	Importance of pedagogical skills in medical education: Teaching and learning behaviors of teachers and undergraduate medical students in Hungary.	Dr. Ternák, Gábor supervisor
E-127	Investigation of the extent of root resorption subjected to lingual and buccal jiggling movements	Dr. Frank, Dorottya supervisor
E-128	The effects of verbal and physical abuse on the complex state of health, its somatic manifestations in the young adult population	Dr. Beke, Szilvia supervisor
E-129	Short- and long-term effects of COVID-19 infection on taste perception and food preference	Dr. Raposa, László Bence supervisor
E-130	Public health aspects of iron metabolism	Dr. Egyed, Miklós supervisor

E-131	Efficiency of health insurance systems based on real-world & big data	Dr. Boncz, Imre supervisor
E-134	The role of prevention and rehabilitation in aesthetic sports, the identification of typical injury profiles in sports and their physical and psychological impacts on health	Dr. Bobály, Viktória supervisor, Dr. Csenki, Laura co-supervisor
E-135	Health prevention in digital age	Dr. Figler, Mária supervisor Dr. Szabó, Zsolt Roland co-supervisor
E-136	The role of health literacy in the effectiveness of nurse led patient education program	Dr. Betlehem, József supervisor
E-139	Preservation of mental health in changing workplace communities	Dr. Csima, Melinda supervisor, Dr. Sipos Dávid co-supervisor
E-140	The role and importance of health and health policy in the operation of employee and company welfare /well-being systems	Dr. Juhász, Gábor supervisor
E-141	Supportive communication in health science texts	Dr. Mány, Dániel supervisor
E-142	Implementing infection control in practice: measuring hand hygiene compliance and following a central venous catheter (CVC) care protocol in a county hospital	Dr. Zrínyi Miklós supervisor, Dr. Pusztafalvi Henriette co-supervisor
E-143	Examination of the consumption of traditional psychoactive substances by people living in segregated areas	Dr. Csima, Melinda supervisor
E-144	Application of modern teaching methods and tools for learning motivation and experience	Dr. Radnai, Balázs supervisor Dr. Keresztélyné Dr. Barta, Andrea co-supervisor
E-145	The effect of burnout syndrome and post-traumatic stress syndrome on self-assessment of health status among emergency and emergency workers in Hungary	Dr. Pakai, Annamária supervisor
E-146	Possibilities and challenges of developing health understanding in our everyday life	Dr. Bánfai-Csonka, Henrietta supervisor
E-147	The multidimensional study of parental burnout syndrome in Hungary	Dr. Pakai, Annamária supervisor
<b>Programme Nr. 2 / PR-2</b>	<b>CARDIOVASCULAR HEALTH SCIENCE</b>	<b>Prof. Dr. Verzár, Zsófia programme leader</b>
K-1	Preventive methods for cardio-, and cerebrovascular diseases	Dr. Cziráki, Attila supervisor, Dr. Verzár, Zsófia co-supervisor
K-3	Effects of meteorological factors on cardio-, and cerebrovascular diseases	Dr. Verzár, Zsófia supervisor, Dr. Pakai, Annamária co-supervisor
K-5	Endothel function and cardiovascular disease	Dr. Bódis, József supervisor
K-6	The effect of stress on health conditions (with a focus on work-related stress)	Dr. Vattay, Péter supervisor
K-8	Challenge of the 21st century: the human papillomavirus	Dr. Bódis, József supervisor
K-9	Effect of climate factors on seasonal diseases	Dr. Verzár, Zsófia supervisor
K-11	Preventive methods in tumour diseases	Dr. Kásler, Miklós supervisor
K-12	Prevention methods for vascular and cardiovascular diseases	Dr. Arató, Endre supervisor

K-13	Individual and community factors of health status and health inequalities	Dr. Füzési, Zsuzsanna supervisor
K-14	The importance of the effects of co-morbidities in acute patient care	Dr. Oláh, Tibor supervisor, Dr. Betlehem, József co-supervisor
K-15	Analysis of publicly and privately financed health care services	Dr. Sebestyén, Andor supervisor
K-16	Genetical, gene expressional background connection with lifestyle and occupational factors in cardiovascular diseases	Dr. Verzár, Zsófia supervisor
K-17	The role of arterial stiffness in cardiovascular prevention and risk evaluation	Dr. Arató, Endre supervisor
K-18	Monitoring of cardiovascular effects of legal and illegal drugs focusing on designer drugs	Dr. Verzár, Zsófia supervisor, Dr. Pakai, Annamária co-supervisor
K-19	Quality of life measurement and its implication in developing modern therapeutic strategies in non ST elevation myocardial infarction	Dr. Verzár, Zsófia supervisor
K-20	Care and primary and secondary prevention of cardio-cerebrovascular diseases	Dr. Balogh, Sándor supervisor, Dr. Sipeky, Csilla co-supervisor
K-21	The role of endovascular interventions in the improvement of the quality of life in patient with vascular disease	Dr. Vajda, Zsolt supervisor, Dr. Nagy, Ferenc co-supervisor
K-22	Improving quality of life in patients with neurovascular and peripheral vascular diseases	Dr. Vajda, Zsolt supervisor, Dr. Nagy, Ferenc co-supervisor
K-23	Medical, legal and social aspects of end-of-life decisions	Dr. Verzár, Zsófia supervisor, Dr. Dávid, Bánya co-supervisor
<b>Programme Nr. 3 / PR-3</b>	<b>TREATMENT OF LOCOMOTOR DISORDERS</b>	<b>Prof. Dr. Kráncz, János programme leader</b>
M-1	Prevention, possibilities of care and effects on quality of life of congenital deformity of lower limbs	Dr. Kráncz, János supervisor, Dr. Pusztafalvi, Henriette co-supervisor
M-2	Connection between obesity and the clinical picture of locomotive disorders, and their possible treatments	Dr. Kráncz, János supervisor, Dr. Hock, Márta co-supervisor
M-4	Biomechanical, biochemical, epidemiological and pathophysiological aspects of prevention of infantile and adult spine diseases	Dr. Kráncz, János supervisor
M-5	Possible primary, secondary and tertiary prevention of osteoporosis in healthy people and in diseases of organs responsible for bone metabolism	Dr. Kráncz, János supervisor
M-6	Examination of muscle- and trunk balance and body composition in the age group of 10-25-year-olds, and the primary prevention of osteoporosis	Dr. Kráncz, János supervisor
M-7	Analysis of the shoulder's kinesiology, biomechanics and pathology with ZEBRIS CMS-HS ultrasound-based spatial motion monitoring	Dr. Kráncz, János supervisor
M-8	Examination of factors affecting the efficiency of radiosynoviorthesis	Dr. Szentesi, Margit supervisor
M-10	Connection between the biological risk, the local activity of joints, and the efficiency of radiosynoviorthesis	Dr. Szentesi, Margit supervisor, Dr. Zámbo, Katalin co-supervisor
M-11	Efficiency of radiosynoviorthesis in case of chronic synovitis of rheumatoid arthritis	Dr. Szentesi, Margit supervisor
M-12	Follow up study of gene expression in rheumatological diseases	Dr. Langmár, Zoltán supervisor

M-13	Role of the ultrasound examination in the diagnosis prior to radiosynoviothecsis and in evaluating the efficacy of treatment	Dr. Szentesi, Margit supervisor
M-14	The role of biological therapy in treatment of inflammatory rheumatologic disease	Dr. Szentesi, Margit supervisor
M-15	Biological therapy as a revolutionary new way to improve clinical symptoms and quality of life of children with JIA	Dr. Szentesi, Margit supervisor
M-16	Epidemiology of hip fractures	Dr. Sebestyén, Andor supervisor
M-17	Relationship between functional asymmetry and injuries among sportsmen	Dr. Wilhelm, Márta supervisor, Dr. Váczi, Márk co-supervisor
M-18	Aspects of thyroid disease in health sciences, with a focus on pathological mutation, prevention and treatment of organs of locomotion	Dr. Gáti, István supervisor
M-19	Aspects of prostate tumours in health sciences, with a focus on multimuscular changes, their prevention and treatment	Dr. Gáti, István supervisor
M-20	Evaluation of weight shifting abilities in patients with stroke	Dr. Kránicz, János supervisor
M-22	The use of the climbing wall by the children's rehabilitation	Dr. Kránicz, János supervisor, Dr. Járomi, Melinda co-supervisor
M-23	Impact of movement disorders on quality of life	Dr. Kovács, Norbert supervisor
M-24	Effects of modern technical devices and sedentary lifestyle on the neuromuscular system	Dr. Császár, Gabriella supervisor
M-25	Examination of the physical activity and physiotherapy treatment options for postmenopausal women and elderly patients, as well as their care	Dr. Hock, Márta supervisor, Dr. Prémusz, Viktória co-supervisor
<b>Programme Nr. 4 / PR-4</b>	<b>PERINATAL HEALTH SCIENCE</b>	<b>Prof. Dr. Bódis, József programme leader</b>
P-2	Epidemiology of congenital anomalies	Dr. Sándor, János supervisor
P-3	Low birthweight: epidemiological, sociological, pathophysiological and clinical consideration	Dr. Bódis, József supervisor
P-4	The importance of low birthweight in the development of adult diseases	Dr. Bódis, József supervisor
P-5	Modern aspects of infants' feeding	Dr. Bódis, József supervisor
P-6	Water and electrolyte metabolism in the neonate: renal and endocrine regulation	Dr. Bódis, József supervisor
P-7	Primary and secondary prevention of perinatal hypoxic brain injury (epidemiology, neurohabilitation, early developmental programs)	Dr. Bódis, József supervisor
P-8	The importance of smoking in perinatal, infant and childhood morbidities	Dr. Bódis, József supervisor
P-9	Clinical significance of hormones derived from adipocyte and skeletal tissues	Dr. Bódis, József supervisor
P-10	The importance of novel hormones, hormone-like substances in the perinatal adaptation	Dr. Bódis, József supervisor



P-11	Correlations among vitamin D supply, circulating forms of parathormone and serum protein fractions in patients with renal failure	Dr. Toldy, Erzsébet supervisor, Dr. Kálmán, Bernadette co-supervisor
P-12	Risk of the mechanism behind accelerated arteriosclerosis in case of patients with uremic hemodialysis	Dr. Csiky, Botond supervisor
P-13	Understanding the complex physiological and psychological changes in children with cow milk protein allergy	Dr. Tóth, Gergely Péter supervisor
P-15	Quality of life of children with hydrocephalus and ventriculoperitoneal shunt	Dr. Hollódy, Katalin supervisor
<b>Programme Nr. 5 / PR-5</b>	<b>HUMAN REPRODUCTION</b>	<b>Prof. Dr. Bódis, József programme leader</b>
R-1	The effects of maternal illnesses and pharmacological therapies on pregnancy outcome	Dr. Ács, Nándor supervisor
R-2	Suicides, and suicide attempts in Hungary	Dr. Döme, Péter supervisor
R-3	Short- and long-term consequences of obstetric and gynecological interventions on life-style, and the possibilities to influence these effects	Dr. Bódis, József supervisor, Dr. Koppán, Miklós co-supervisor
R-4	Cumulation, and familial-genetical background of gynecological-, breast-, and gastrointestinal tumors	Dr. Bódis, József supervisor
R-5	Survival and quality of life of patients with gynecological tumor after expanded and minimally invasive surgery	Dr. Bódis, József supervisor, Dr. Papp, Szilárd co-supervisor
R-6	Ovarian hyperstimulation	Dr. Bódis, József supervisor
R-7	Effects of gynecological surgery on life-style and quality of life. The effect of preoperative preparation and postoperative physiotherapy on stool- and urine continence, and on the quality of sexual life	Dr. Bódis, József supervisor, Dr. Hock, Márta co-supervisor
R-8	Phytoestrogens, hormon replacement, life-style and dietetic customs in peri- and postmenopause	Dr. Garai, János supervisor Dr. Szabó, Zoltán
R-9	Vitamin-, iron- and trace element supplementation and dietetics in prenatal care; and it's perinatal role significance	Dr. Koppán, Miklós supervisor
R-10	Intraovarian regulation - endocrine aspects of in vitro fertilization	Dr. Koppán, Miklós supervisor
R-15	Crimes against medical interventions, practice of medical research and patient's self-determination from point of view of forensic science and criminal procedure law	Dr. Bódis, József supervisor, Dr. Herke, Csongor co-supervisor
R-16	The role of connective tissue system in the recognition of complementary-alternative medicine, naturopathy, and traditional chinese medicine; and in the integration of other scientific fields neighbouring health sciences	Dr. Gáti, István supervisor
R-17	The legal status of the embryo, in terms of stemcell research and human rights	Dr. Bódis, József supervisor, Dr. Zeller, Judit co-supervisor
R-18	Effects of endometriosis on quality of life	Dr. Koppán, Miklós supervisor, Dr. Koppán, Ágnes co-supervisor
R-19	Examination of etiological factors of fetal developmental anomalies	Dr. Ács, Nándor supervisor

R-20	Endocrine-metabolic treatment of women with polycystic ovarium syndrome unrelated to infertility	Dr. Bódis, József supervisor, Dr. Bajnok, László co-supervisor
R-21	Reproductive health behaviour of the Hungarian roma minority	Dr. Horváth, Boldizsár supervisor
R-22	Complementer analysis of corps identification processes	Dr. Bódis, József supervisor, Dr. Herke, Csongor co-supervisor
R-23	Intrapartum analysis of the fetal electrocardiogram (fECG) with STAN® SR31 fetal monitor system in case of meconium tainted amniotic fluid	Dr. Bódis, József supervisor, Dr. Farkas, Bálint co-supervisor
R-24	The genetic components of the etiology of chronic diseases, congenital malformations and diseases in pregnancy	Dr. Joó, József Gábor supervisor, Dr. Kornya, László co-supervisor
R-26	Demographic factors influence the occurrence of fetal malformations	Dr. Veszprémi, Béla supervisor
R-27	Pre and Postnatal Quality of Life and Fear of Childbirth	Dr. Várnagy, Ákos supervisor, Dr. Varga, Katalin co-supervisor
R-28	Biochemical and biological analysiy of the peritonel fluid in ovarian hyperstimulation syndrome (OHSS)	Dr. Farkas, Bálint supervisor
R-29	The investigation of the pelvic floor muscle training effectiveness for urinary and fecal continence and the quality of sexual life	Dr. Bódis, József supervisor, Dr. Surányi, Andrea co-supervisor
R-30	Child sexual abuse in Szabolcs-Szatmár-Bereg Country in Hungary	Dr. Csorba, Roland supervisor
R-31	Prevalence and treatment options for muscle, bone and joint problems during pregnancy or delivery and after birth	Dr. Hock, Márta supervisor
R-32	Vaginal birth after cesarean section	Dr. Veszprémi, Béla supervisor
R-33	Quality of life of pregnant women in terms of health status and health behavior	Dr. Erdei, Renáta supervisor
R-34	Investigating the non-surgical and the surgical treatment of pelvic organ prolapse and female urinary incontinence	Dr. Farkas, Bálint supervisor, Dr. Németh, Zoltán co-supervisor
R-35	Morphological analysis of cellular elements involved in reproduction in pathological conditions	Dr. Kovács, Kálmán supervisor, Dr. Nagy, Bernadett co-supervisor
R-36	Regional differences in infertility care by socio-demographic aspects	Dr. Kovács, Kálmán supervisor, Dr. Prémusz, Viktória co-supervisor
R-37	The possible role of the microbiota of the female genital tract in the successful outcome of in vitro fertilization (IVF)	Dr. Kovács, Kálmán supervisor
R-39	Increasing the efficiency of in vitro fertilization (IVF) laboratory workflows and procedures	Dr. Bódis, József supervisor Dr. Kovács, Kálmán co-supervisor
R-40	Medical diagnosis, medical and legal aspects of child sexual abuse	Dr. Csorba, Roland supervisor
R-41	Uterine transplantation	Dr. Farkas, Bálint supervisor, Dr. Fazekas, Gábor co-supervisor
R-42	The global public health significance of reproductive health and infertility	Dr. Prémusz, Viktória co-supervisor
R-43	Follicular fluid biomarkers and their role in IVF success	Dr. Kovács, Kálmán supervisor Dr. Mauchart, Péter co-supervisor

R-44	The evaluation of various factors influencing the efficacy of frozen embryo transfer treatments	Dr. Péter, Kovács supervisor Dr. Kálmán, Kovács co-supervisor
<b>Programme Nr. 6 / PR-6</b>	<b>ONCOLOGY - HEALTH SCIENCES</b>	<b>Prof. Dr. Kiss, István programme leader</b>
<b>PR-6/1</b>	<b>PREVENTIVE ONCOLOGY Subprogramme</b>	<b>Prof. Dr. Kiss, István subprogramme leader</b>
O-3	Efficiency of the most modern methods in radiation therapy in the patients of University of Pécs, Medical School	Dr. Mangel, László supervisor, Dr. Boronkai, Árpád co-supervisor
O-4	Historical demography of Hungary	Dr. Kiss, István supervisor
O-5	Environmental carcinogenesis	Dr. Kiss, István supervisor
O-6	Nutrition and cancer	Dr. Kiss, István supervisor
O-7	Molecular epidemiology of cancer	Dr. Kiss, István supervisor, Dr. Jung, János co-supervisor
O-8	Public health problems and programs with respects to health insurance and health economy	Dr. Boncz, Imre supervisor, Dr. Vajda, Réka co-supervisor
O-11	Primary secondary and tertiary prevention in cancer	Dr. Kiss, István supervisor
O-12	Genetical and genomical epidemiology	Dr. Kiss, István supervisor
O-14	Chemoprevention of cancer	Dr. Kiss, István supervisor
O-17	Alternative ways in cancer prevention	Dr. Kiss, István supervisor
O-21	Analysis of factors improving the diagnosing, perioperative and oncologic treatment of patients with colon cancer	Dr. Oláh, Tibor supervisor, Dr. Boronkai, Árpád co-supervisor
O-22	Role of Micro RNAs in carcinogenesis and prevention	Dr. Kiss, István supervisor
O-23	Extended surgeries of head and neck cancers, and their surgical reconstructions	Dr. Kásler, Miklós supervisor
O-24	Radiochemotherapy of head and neck cancer	Dr. Kásler, Miklós supervisor
O-25	Laser surgery of head and neck cancer	Dr. Kásler, Miklós supervisor
O-26	Practice and opportunities of prevention in the General Practitioners' routine	Dr. Balogh, Sándor supervisor
O-30	Nutritional status and dietary habits of homeless people	Dr. Rákosy, Zsuzsa supervisor
O-32	Evolution of inhaled drug delivery	Dr. Elekes, Krisztián supervisor
O-33	Rehabilitation in Cancer Care	Dr. Szalai, Márta supervisor
O-34	Molecular epidemiological and epigenetical examination of artificial food colourants in animal experiment test system	Dr. Kiss, István supervisor, Dr. Figler, Mária co-supervisor

O-35	Expression and Function of Erythropoietin Receptor (EpoR) Variant Forms in Human Breast Cancer	Dr. Rákósy, Zsuzsa supervisor
O-36	Multidisciplinary teamwork in hospice-palliative care	Dr. Csikós, Ágnes supervisor
O-37	Diagnostic and treatment of malignant tumors	Dr. Kásler, Miklós supervisor
O-38	Assesment of Medical Waste Management Practice: A Case Study	Dr. Kiss, István supervisor, Dr. Tibold, Antal co-supervisor
O-39	Molecular epidemiological examination of food additives and plant-origin bioactive substances	Dr. Varjas, Tímea supervisor
O-40	Investigation of predictive biomarkers in tumors	Dr. Bellyei, Szabolcs supervisor
O-41	Diagnosis and treatment of solid abdominal malignancies and actualities in the field of organ transplantation	Dr. Káposztás, Zsolt supervisor Dr. Biró, Adrienn co-supervisor
O-42	Microbiom composition and the pathogenesis of colorectal cancer patients	Dr. Raposa, László Bence supervisor, Dr. Káposztás, Zsolt co-supervisor
O-44	Surgical treatment of Thoracic Disorders	Dr. Szántó, Zalán supervisor
O-45	Public health implications of myeloproliferative neoplasms	Dr. Egyed, Miklós supervisor
O-46	The effect of early, intensive mobilization in the prevention of complications after acute abdominal surgeries	Dr. Biró, Adrienn supervisor, Dr. Tollár, József co-supervisor
<b>PR-6/2</b>	<b>DIAGNOSTIC MEDICAL IMAGING</b> Subprogramme	<b>Prof. Dr. Bogner, Péter</b> <b>subprogramme leader</b>
O-2-5	Non-invasive examination of the cardiovascular system – CT, MR, angiography	Dr. Kovács, Árpád supervisor, Dr. Bajzik, Gábor co-supervisor
O-2-6	Development of CT and MR guided diagnostic and therapeutic interventional procedures	Dr. Repa, Imre supervisor
O-2-7	Application of modern image processing methods in diagnostic imaging and radiotherapy	Dr. Repa, Imre supervisor, Dr. Kovács, Árpád co-supervisor
O-2-8	Significance of molecular and multimodality imaging in the diagnosis, prognosis and follow up of therapy in lymphoma patients	Dr. Zámbó, Katalin supervisor, Dr. Alizadeh Hussain co-supervisor
O-2-10	The integration of functional cross-sectional imaging in 3D conformal radiation therapy of brain tumors	Dr. Kovács, Árpád supervisor
O-2-12	Experimental and clinical applications of quantitative MR imaging techniques	Dr. Repa, Imre supervisor, Dr. Bajzik, Gábor co-supervisor
O-2-13	Modern imaging techniques, the role of CT/MR imaging in the detection of breast cancer	Dr. Repa, Imre supervisor, Dr. Bajzik, Gábor co-supervisor
O-2-14	Mass spectrometry analysis of endocrine metabolom system	Dr. Koppán, Miklós supervisor, Dr. Márk, László co-supervisor
O-2-15	Use of imaging methods based on mass spectrometry in health sciences	Dr. Márk, László supervisor
O-2-16	Mapping and monitoring of xenobiotics induced molecular changes by imaging technics	Dr. Pirger, Zsolt supervisor
O-2-17	Application of modern imaging methods in the field of reconstruction, aesthetic and plastic surgery	Dr. Bajzik, Gábor supervisor, Dr. Ferenczy, József co-supervisor
O-2-19	Improvement of the quality of life in epileptic and stroke patients using postprocessing methods in neuroradiology	Dr. Vajda, Zsolt supervisor, Dr. Nagy, Ferenc co-supervisor

O-2-20	Application of multimodality imaging diagnostic systems in clinical practice	Dr. Kovács, Árpád supervisor, Dr. Repa, Imre co-supervisor
O-2-21	The role of 3D imaging in oncology pathways	Dr. Kovács, Árpád supervisor, Dr. Repa, Imre co-supervisor
O-2-22	PET/CT and PET/MR based treatment modalities in the modern oncology	Dr. Kovács, Árpád supervisor, Dr. Cselik, Zsolt co-supervisor
O-2-23	The importance of hybride imaging in receptor scintigraphies	Dr. Zámbó, Katalin supervisor
O-2-24	High dose radiotherapy procedures requiring precision, multimodal imaging	Dr. Kovács, Árpád supervisor, Dr. Lakosi, Ferenc co-supervisor
O-2-25	Investigation of mechanical changes in the brain by transcranial doppler (TDC) and radiological imaging	Dr. Vajda, Zsolt supervisor, Dr. Tollár, József co-supervisor
O-2-26	Defects, examinations and effects of the posterior circulatory system of the brain on the body and motor and non-motor functions	Dr. Vajda, Zsolt supervisor, Dr. Tollár, József co-supervisor
O-2-27	Detection of central and peripheral defects, pain in patients undergoing oral and maxillofacial surgery and head and neck surgery	Dr. Vajda, Zsolt supervisor, Dr. Tollár, József co-supervisor
O-2-28	The use of diffusion, perfusion and functional imaging in extracranial or intracranial regions	Dr. Kovács, Árpád supervisor, Dr Nagy, Szilvia Anett co-supervisor
O-2-29	Examination of dizziness and headaches using imaging studies	Dr. Tollár, József supervisor
O-2-30	Modern imaging techniques in the field of nuclear medicine	Dr. Ritter Zsombor témavezető, Dr. Sipos Dávid társtémavezető
<b>PR-6/3</b>	<b>GASTROENTEROLOGICAL DISEASES Subprogramme</b>	<b>Prof. Dr. Döbrönte, Zoltán subprogramme leader</b>
O-3-1	Gastroenterological endoscopic diagnostic and therapeutic procedures	Dr. Döbrönte, Zoltán supervisor
O-3-3	The role of the clinical laboratory in the primary and secondary prevention of diabetes mellitus	Dr. Kovács, L. Gábor supervisor, Dr. Fodor, Lajos co-supervisor
O-3-13	Significance of monitoring during endoscopy with special regard to the sedoanalgesic premedication	Dr. Döbrönte, Zoltán supervisor
O-3-14	Risk factors for endoscopic retrograde cholangiopancreatography (ERCP) related acute pancreatitis and effectiveness of the pharmacological prophylaxis	Dr. Döbrönte, Zoltán supervisor
O-3-15	The role of the microbiome in the development and maintenance of chronic diseases	Dr. Rajnics, Péter supervisor
<b>Programme Nr. 7 / PR-7</b>	<b>SPORT and HEALTH SCIENCES</b>	<b>Dr. Rétsági, Erzsébet programme leader Dr. Ács, Pongrác co-programme leader</b>
S-3	Relations between biological status of fundamental motor skills and functional characteristics. Determination of the energy consumption rate of various training protocols using ergometers	Dr. Sárszegi, Zsolt supervisor
S-4	The preventive, therapeutic and rehabilitative role of the regular workout	Dr. Járomi, Melinda supervisor, Dr. Makai, Alexandra co-supervisor
S-5	Development of non invasive methods to measure cardiovascular function	Dr. Karsai, István supervisor, Dr. Prémusz, Viktória co-supervisor
S-6	Methodology and diagnostic approaches of measuring human performance	Dr. Karsai, István supervisor

S-7	Prevention of demonstrable lifestyle disorders, the healing role of physical fitness in chronic diseases. Fitness and exercise programs for rehabilitation	Dr. Oláh, András supervisor
S-8	The Optimum Arousal Theroy - to be in the ZONE - the State and the Possibility of Measuring within Elite and Recreational Sports	Dr. Balogh, László supervisor, Dr. Rátgéber, László co-supervisor
S-9	Challenges of Public Education in Student Health Promotion – with Special Regards to Physical Activity	Dr. Rétsági, Erzsébet supervisor, Dr. Győri, Ferenc co-supervisor
S-10	Philosophical, Content and Methodological Basis of Educating to Recreation in the Physical Education	Dr. Rétsági, Erzsébet supervisor, Dr. Pótó, Zsuzsanna co-supervisor
S-11	The role and possibilities of movement games in the establishment of physically active lifestyle	Dr. Kovács, Katalin supervisor
S-12	Spatial specialities of the Hungarian health tourism	Dr. Laczkó, Tamás supervisor
S-13	Demand and supply relations of the sport tourism in Hungary	Dr. Laczkó, Tamás supervisor
S-14	Relation system of sports and quality of life	Dr. Ács, Pongrác supervisor, Dr. Betlehem, József co-supervisor
S-17	Micro-and macro-economic effects of physical activity	Dr. Ács, Pongrác supervisor
S-18	The sports' economic and social relation system	Dr. Ács, Pongrác supervisor
S-19	Sport management in the XXIth century	Dr. Elbert, Gábor supervisor, Dr. Melczer, Csaba co-supervisor
S-20	The martial arts as a complex educational systems	Dr. Kovács, Antal supervisor
S-21	Health tourism researches: the examination of the success factors of health tourism enterprises and the quality of the health tourism services, service management	Dr. Müller, Anetta supervisor
S-22	Trends of fitness-wellness, the examination of demand and supply elements on the field of free time economy at small and medium-size enterprises	Dr. Müller, Anetta supervisor
S-24	The influence of organizational psychology and cultural factors to the achievement of sports teams and sport organizations in the globalization sport	Dr. Balogh, László supervisor
S-25	The body image disorders among young and middle-aged men and women	Dr. Ihász, Ferenc supervisor
S-26	Regulation of the cardiorespiratory system under increased physical and psychological stress	Dr. Tóth, Miklós supervisor, Dr. Ács, Pongrác co-supervisor
S-27	The analysis of predisposing factors of the obstructive sleep apnea syndrome (OSAS). Analysis of relationships of the disease and cardiovascular disease.	Dr. Ihász, Ferenc supervisor
S-28	The effect of combat sports and martial arts on personality in public education and sport	Dr. Morvay-Sey Kata supervisor
S-29	Impact of planned and regular physical activity on metabolic changes in elderly	Dr. Ihász, Ferenc supervisor, Dr. Ács, Pongrác co-supervisor
S-30	Social and economic impacts of international sport events organised in Hungary	Dr. Stocker, Miklós supervisor

S-31	Cardiorespiratory data analysis of elite male 15-18-year-old basketball players during training and competition	Dr. Ihász, Ferenc supervisor
S-33	The role of respiratory control in improving the performance of athletes and the quality of life of chronic patients	Dr. Kovács, Antal supervisor, Dr. Varga, János Tamás co-supervisor
S-34	Psychophysiological study of technical and team sports	Dr. Ihász Ferenc supervisor
S-35	The system of social and economic relations of e-sport	Dr. Borbély, Attila supervisor, Dr. Ács, Pongrác co-supervisor
S-36	Non-invasive comparative study of peripheral, central blood pressure, pulse pressure, arterial stiffness, stroke volume parameters in young athletes	Dr. Cziráki, Attila supervisor, Dr. Rátgéber, László co-supervisor
S-37	The effect of long-term endurance training on the development of physiological cardiac hypertrophy and the mechanisms of cardiac pump function and growth processes	Dr. Cziráki, Attila supervisor, Dr. Rátgéber László co-supervisor
S-38	The role of team sports in the development of a physically active lifestyle	Dr. Filó, Csilla supervisor
S-39	To learn about the sports consumption habits of young adult e-athletes and to assess their role in the sports economy	Dr. Paár, Dávid supervisor
S-41	Technical and specific movement analysis and non-invasive rehabilitation of water athletes	Dr. Tollár, József supervisor, Dr. Karsai, István co-supervisor
S-42	Investigation of biomechanical and cognitive changes under varying intensity load	Dr. Tollár, József supervisor, Dr. Kovács, Árpád co-supervisor
S-43	Animation in the health sciences	Dr. Cselik, Bence supervisor
S-44	Marketing in sports and health sciences	Dr. Cselik, Bence supervisor
S-46	Outdoor physical activity and active lifestyle attitude of employees	Dr. Ács, Pongrác supervisor, Dr. Prémusz, Viktória co-supervisor
S-47	Dimensions of sustainability in children's camps: interactions between the "green turn" and the culture of health	Dr. Nemeskéri, Zsolt supervisor
S-48	The effects of Q angle in groin injuries in female athletes	Dr. Ostojic, Sergej supervisor, Dr. Rátgéber, László co-supervisor
S-49	Health and sports science aspects of movement therapies in prevention and rehabilitation	Dr. Szilágyi, Brigitta supervisor, Dr. Makai, Alexandra cosupervisor
S-50	Special and alternative exercise programs and women's health	Dr. Hock, Márta supervisor, Dr. Prémusz, Viktória co-supervisor
S-51	Women's health and physical activity	Dr. Hock, Márta supervisor, Dr. Makai, Alexandra co-supervisor
S-53	Cardiac adaptation in physiological and pathological conditions	Dr. Szokodi, István supervisor
S-55	The effect of physical activity/inactivity on the human body	Dr. Melczer, Csaba supervisor
S-56	Passion and exercise addiction among athletes	Dr. Szabó, Attila supervisor Dr. Morvay-Sey, Kata co-supervisor

S-57	Examining the biomechanical aspects of injuries and overuse of overhead sports and the effectiveness of physiotherapy treatment methods	Dr. Makai, Alexandra supervisor Dr. Tardi, Péter Sándor co-supervisor
S-58	Comparison, examination and development of performance measurement systems developed for rowing sports	Dr. Győri, Ferenc supervisor
<b>8. program / PR-8</b>	<b>FOOD SCIENCES, NUTRITION, DIETETICS and HYDRATION</b>	<b>Prof. Dr. Figler Mária programme leader</b>
T-1	Examination of ingestion-controlling neuropeptides in diabetes mellitus and in their animal models	Dr. Figler, Mária supervisor
T-2	Nutritional and clinical dietary studies of various carbohydrates in diabetic patients	Dr. Kovács, L. Gábor supervisor, Dr. Figler, Mária co-supervisor
T-3	Clinical dietetics and nutrition science. Cost analysis of eating habits and food consumption.	Dr. Figler, Mária supervisor
T-4	Effect of various forms of calcium-intake in osteoporosis treatment.	Dr. Figler, Mária supervisor
T-5	Effect of fructose consumption on certain metabolic parameters in patients with obesity and diabetes	Dr. Figler, Mária supervisor
T-6	Examination of analytical and dietotherapeutic effects of oilseeds.	Dr. Figler, Mária supervisor
T-7	Chemical and microbiological examination of food.	Dr. Figler Mária supervisor, Dr. Kerényi, Mónika co-supervisor
T-8	Analysis and dietetic examination of biologically active components in grapes.	Dr. Figler, Mária supervisor
T-9	Clinical application of probiotics (bacteria types, doses, domains of application).	Dr. Figler, Mária supervisor
T-10	Possibilities of influencing nutritional status of seriously ill patients in clinical practice.	Dr. Figler, Mária supervisor, Dr. Óváry, Csaba co-supervisor
T-11	Effects of various types of treatment on lipid homeostasis and fatty acid composition of plasma lipids in patients with Type-II Diabetes	Dr. Figler, Mária supervisor Dr. Decsi, Tamás co-supervisor
T-12	Possibilities of the realisation of energy balance in different sports	Dr. Figler, Mária supervisor
T-13	Habits of liquid consumption in different sports	Dr. Figler, Mária supervisor
T-15	Diet in the management of multiple sclerosis.	Dr. Gáti, István supervisor
T-16	The influence of nutritional compounds in drinking form with enhanced concentration of arginin and zinc in cases of decubitus wound healing: measuring of the nutritional therapy efficiency	Dr. Kisbenedek, Andrea supervisor
T-17	Application of evidence based medicine methodology to the field of nutrition	Dr. Lohner, Szimonetta supervisor
T-18	Validation of nutrition screening tools	Dr. Polyák, Éva supervisor, Dr. Pusztafalvi, Henriette co-supervisor
T-19	Quality of life study in nutrition related diseases	Dr. Polyák, Éva supervisor, Dr. Szabó, Éva co-supervisor
T-20	Nutritional role of fatty acid intake and its instrumental analysis	Dr. Szabó, Éva supervisor
T-23	Analysis of plant secondary metabolites	Dr. Kisbenedek, Andrea supervisor, Dr. Stromájer-Rácz, Timea co-supervisor
T-24	The effects of nutrition on gut microbiome	Dr. Polyák, Éva supervisor



T-25	Investigation of fruits and consumption habits	Dr. Kisbenedek, Andrea supervisor, Dr. Gerencsér, Gellért co-supervisor
T-26	Eating habits and lifestyle of students in public education	Dr. Kisbenedek, Andrea
T-27	Role of nutrition in mental health	Dr. Polyák, Éva supervisor
T-28	Fatty acid profile and dietary factors in different diseases	Dr. Polyák, Éva supervisor
T-30	Nutritional role of grape plant	Dr. Szabó, Éva supervisor Dr. Körösi, László co-supervisor