

Profile of a graduate of the 3rd degree of the Internal Medicine study program, General Medicine, the Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

The graduate applies scientific methods of basic and applied research in the relevant field of general medicine, anatomy, histology and embryology, normal and pathological physiology, internal medicine, epidemiology, hygiene, public health, surgery, radiology and radiology, gynecology and obstetrics, pediatrics neurology, dermatovenerology, ophthalmology, oncology, otorhinolaryngology, sports medicine, toxicology, nuclear medicine, anesthesiology and intensive care medicine, pathological anatomy and forensic medicine, orthopedics, urology, physiatry, balneology and medical rehabilitation biology, biomediology and medical rehabilitation, medical neurosciences and microbiology. He has extensive expertise in many areas of the field of study, which enables him to carry out research and development in areas of his professional interest to contribute to the expansion and creation of new knowledge in the fields of diagnostics, therapy and disease prevention.

The graduate formulates new hypotheses and strategies for further research and development in the field of general medicine. He applies his own findings of theoretical analysis and a comprehensive scientific approach in solving scientific problems in various areas of medical knowledge. Implements advanced bioinformatics processes. It analyses its findings and compares them with the achieved results of other experts and, based on them, designs, verifies and implements new research, working, diagnostic, treatment, and preventive procedures usable in clinical diagnostic medical practice.

The graduate is characterized by independent, critical, and analytical thinking, which he applies in changing conditions. It uses the legal aspects of experimental and clinical research, including the introduction of new professional and scientific knowledge applicable in diagnostics and intervention to solve problems of clinical practice. The work considers the ethical and social aspects of scientific work. The graduate independently presents the results of research and development in publication and lecture form in front of the professional community in the Slovak Republic and abroad. It determines the focus of the research and can coordinate the team in the relevant scientific field.

Study programme Internal Medicine is defined by followed out-puts:

- Graduate has deep theoretical knowledge based on current state of scientific knowledge in Internal Medicine, including its branches such as Cardiology, Pneumology and Phtiseology, Gastroenterology and Hepatology, Nephrology, Endocrinology, Diabetology, Haematology, Rheumatology, Infectious Diseases, Occupational Medicine etc in the range needed for realisation of PhD study,
- Graduate is able of original scientific work and he/she is able to deliver self-solving of problems in Internal Medicine, to manage scientific methods in Internal Medicine, especially oriented on methods of clinic and clinic-epidemiological research in Internal Medicine; graduate is able to have experience in principles of scientific work, including ethical approach, planning and realisation of research, scientific analyse of obtained data, interpretation and presentation of results also in international congresses. Graduate has competence to scientific and educational work in Internal Medicine.