

ANNOTATION

The “Medical Biology” doctoral degree program is focused on studies of basic principles of biological processes in human cells at the molecular level. Molecular genetic studies carried out by the students aim to provide valuable information on gene/protein function which is relevant to human health and disease. The program provides graduates with an extensive knowledge of methodological approaches allowing understanding the origin of human diseases, preclinical research of drugs using model systems etc. The students are supervised by mentors of the Faculty of Medicine and Dentistry, Palacký University and University Hospital Olomouc, recognized experts in the medical biology research field.

ADMISSION PROCEDURE 2027/2028

Contact details of the training department:

Department of Pathological Physiology, Faculty of Medicine and Dentistry, Hněvotínská 3, 779 00 Olomouc, phone +420 585 632 771 or 585 632 502

Dissertation topic of the training department:

1. The relationship between the population genetic structure and the disease origin/progression.

1 position in the part-form of study

Supervisor: prof. Martin Petřek, M.D., Ph.D. (martin.petrek@fnol.cz)

Deadline for submitting a study application:

May 15, 2027

Date and place of admission procedure:

June 11, 2027 – start at 10:00 a.m. CET
Department of Pathological Physiology,
Faculty of Medicine and Dentistry,
Hněvotínská 3, Olomouc, Czech Republic

Estimated maximum number of admitted students:

part-time form: 1 student

Exam form: oral – onsite

General content of the oral entrance exam:

- basics of individual fields – cellular and molecular biology and medicine
- knowledge of the topic on which the candidate is applying
- language skills (especially English)
- motivation to PhD. studies

Evaluation criteria:

The level of general professional knowledge will be evaluated according to the result of the admission procedure and interview, the applicant's preconditions for scientific work, the applicant's previous experience with scientific and professional work (diploma thesis, professional lectures and publications, etc.), language skills, preconditions for graduation and individual motivation.