

Study programme: MEDICAL BIOLOGY

ANNOTATION

The “Medical Biology” doctoral degree programme 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 programme 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 Olomouc and University Hospital Olomouc, recognized experts in the medical biology research fields.

ADMISSION PROCEDURE 2020/21

Contact details of the training department:

Department of Clinical and Molecular Pathology, Faculty of Medicine and Dentistry, Palacký University Olomouc, Hněvotínská 3, 77515 Olomouc, phone: + 420 585 632 452.

Dissertation topics of the training department:

- 1. Molecular mechanisms of prostate cancer progression**
1 position in the full-time form of study
Supervisor: Assoc. Prof. Jan Bouchal, Ph.D.
- 2. Study of molecular mechanisms responsible for carcinogenesis of hormone-dependent tumors**
1 position in the full-time form of study
Supervisor: Jana Steigerová, Ph.D.

Application deadline:

May 12, 2020

Date and location of the entrance examination: **June 19, 2020, 11:00 a.m.**

Department of Biology (ask for the alternative date of entrance exam – possible between June 8th – June 26th - by e-mail in 10 days from the original date; email addresses: jan.bouchal@gmail.com (for topic 1) or jana.steigerova@seznam.cz (for topic 2)

Anticipated maximum number of admitted students:

Full-time form: 2 students

Distance form: 0 students

Examination format: oral

Contents of entrance examination:

Selected chapters from medical biology and molecular pathology

Evaluation criteria:

Applicant's knowledge and interest in scientific work

The annual tuition fee for the post-graduate study programme conducted in English is set at EUR 3,000.