

## Study programme: MEDICAL GENETICS

### ANNOTATION

The study of hereditary patterns of occurrence of morphological and psychic characters on individuals and in the population, genetic counselling for syndromologic units, pre- and postnatal cytogenetics, assessment of fetal biochemical markers, DNA analysis of the congenital defects and hereditary diseases, prenatal diagnosis, oncocytodiagnostics.

### ADMISSION PROCEDURE 2023/24

Dissertation topic/s of the training department:

Laboratory of Inherited Metabolic Disorders, University Hospital Olomouc, I.P. Pavlova 6, 775 20 Olomouc, tel.: 588 443 228, 588 444 231

#### 1. Clinical Lipodomics of Inborn Errors of Metabolism

1 position in the full-time form of study

Supervisor: doc. RNDr. David Friedecký, Ph.D.

Institute of Molecular and Translational Medicine, Laboratory of Genome Integrity, Faculty of Medicine and Dentistry, Palacký University Olomouc, Hněvotínská 5, Olomouc, tel. 585 632 234

#### 2. DNA replication dynamics in Human Pathobiology

1 position in the full-time form of study

Supervisor: Ing. Pavel Moudrý, Ph.D.

Application deadline: **15 May 2023**

Date and location of the entrance examination: **15 June 2023**  
Department of Medical Genetics

Anticipated maximum number of admitted students:  
**Full-time form: 2 students**

Examination format: oral

Contents of entrance examination:  
The issue of clinical genetics focused on applied subject matter.

Evaluation criteria:  
pass/fail

The annual tuition fee for the post-graduate study programme conducted in English is set at EUR 100.