

Study programme: NEUROLOGY

ANNOTATION

The programme covers the pathophysiology, structural and functional diagnostics and therapy of the organic diseases of the nervous system. For research, it utilizes especially electrophysiological, biochemical and imaging methods, collaborating predominantly with the Department of Radiology, Department of Clinical and Molecular Pathology, Department of Medical Genetics, Department of Public Health and Department of Internal Medicine I – Cardiology.

ADMISSION PROCEDURE 2022/23

Dissertation topics of the training department:

Department of Neurology, Faculty of Medicine and Dentistry, Palacký University Olomouc and University Hospital Olomouc, I.P. Pavlova 6, Olomouc, tel. 588 443 401

- 1. Pathophysiological, Diagnostic, Epidemiological and Therapeutic Aspects of Neurodegenerative Diseases**
2 positions in the full-time and 2 positions in the part-time form of study
Supervisors: prof. MUDr. Petr Kaňovský, CSc., FEAN, doc. MUDr. Kateřina Menšíková, Ph.D., MUDr. Martin Nevrlý, Ph.D., MUDr. Michaela Kaiserová, Ph.D.
- 2. Epidemiology, Pathophysiology, Diagnostics and Treatment of Dystonia and Spasticity**
1 position in the full-time and 1 position in the part-time form of study
Supervisors: prof. MUDr. Petr Kaňovský, CSc., FEAN, doc. MUDr. Petr Konečný, Ph.D., MBA, MUDr. Igor Nestrašil, Ph.D.
- 3. Morphological, Pathophysiological, Diagnostic and Therapeutic Aspects of Multiple Sclerosis**
2 positions in the full-time and 2 positions in the part-time form of study
Supervisor: prof. MUDr. Jan Mareš, Ph.D., MBA, MUDr. Zuzana Rous, Ph.D.
- 4. Modulation and Plasticity of Sensorimotor Brain Networks during Afferent Stimulation**
1 position in the full-time and 1 position in the part-time form of study
Supervisor: prof. MUDr. Ing. Petr Hluštík, Ph.D.
- 5. Morphological, Pathophysiological, Diagnostic and Therapeutic Aspects of Primary Headaches**
1 position in the full-time and 1 position in the part-time form of study
Supervisor: MUDr. Andrea Bártková, Ph.D.

Application deadline:

13 May 2022

Date and location of entrance examination: **16 June 2022**- 11:30 a.m.

Office of the head of the department, Department of Neurology, Faculty of Medicine and Dentistry, Palacký University Olomouc and University Hospital Olomouc, I. P. Pavlova 6, Olomouc

Anticipated maximum number of admitted students:

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|------------------------|-------------------|
| full-time form: | 7 students |
| part-time form: | 7 students |

Examination format: oral

Contents of entrance examination: neurology, to the extent of master degree level

Evaluation criteria:

Knowledge of the field to the extent of master degree level, language capabilities, aptitude for science and research

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