Module title: Neurobiology (Practical Course and Seminar 1)
Abbreviation: 07-MS1NF1-102-m01

Module coordinator: holder of the Chair of Neurobiology and Genetics
Module offered by: Faculty of Biology

ECTS: 10
Method of grading: numerical grade
Only after succ. compl. of module(s): --

Duration: 1 semester
Module level: graduate
Other prerequisites: --

Contents:
A current topic in the field of neurobiology will be investigated. The practical course will be offered in different specialisations: molecular, clinical, cellular, developmental or behavioural neurobiology or in neurogenetics. In addition to a literature search, a variety of neurobiological methods (for example: electrophysiology, immunohistochemistry, molecular biological techniques, clinical and neurogenetic techniques) and different model systems are offered. The experimental results will be documented and presented in the form of a scientific talk, a publication or a seminar paper.

Intended learning outcomes:
The participants are able to conduct scientific research within the field of neurobiology. They have acquired the knowledge and skills (e.g. basic and advanced knowledge, special knowledge, advanced methodological background, general and specific methods) to carry out and document neurobiological experiments according to best practice.

Courses:
S + P (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
Students will be informed about the length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)

Allocation of places:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes):
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Module appears in:
Master’s degree (1 major) Biology (2011)
Master’s degree (1 major) Biology (2010)
Master’s degree (1 major) Biology (2014)