Module title: Neurology/ Neurosurgery 1  
Abbreviation: 03-TN-NN1-152-m01

Module coordinator: Department of Neurology, Department of Neurosurgery  
Module offered by: Faculty of Medicine

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

Duration: 1 semester  
Module level: graduate

Contents

Intended learning outcomes
Students who successfully completed this module will have acquired insights into the current molecular and systems pathophysiology of diseases prevalent in neurology and neurosurgery. They will understand basic mechanisms of disease in the motor and sensory system and of higher functions. They will understand about brain trauma and brain tumour biology. They will know about animal models for neurological and neurosurgical diseases and will have been introduced to behavioural, neurophysiological, morphological and molecular biological analysis methods. They will have learned how to ask the appropriate questions in bed-to-bench research and how to devise study plans.

Courses
(type, number of weekly contact hours, language — if other than German)
V (2)

Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (30 to 60 minutes, including multiple choice questions) 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)

Allocation of places
--

Additional information
--

Referred to in LPO I
(examination regulations for teaching-degree programmes)
--

Module appears in
Master’s degree (1 major) Translational Neuroscience (2015)  
Master’s degree (1 major) Translational Neuroscience (2017)  
Master’s degree (1 major) Translational Neuroscience (2018)  
Supplementary course Translational Neuroscience (2018)