

<b>Module title</b>		<b>Abbreviation</b>
Pain		03-TN-P-142-m01
<b>Module coordinator</b>		<b>Module offered by</b>
University Hospital, Department of Anaesthesia and Critical Care		Faculty of Medicine
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Main topics: medical examination of patients with pain, practical courses in medical examination, immunohistochemistry/immunofluorescence of dorsal root ganglia/sciatic nerve, calcium imaging of dorsal root ganglia and in transfected HEK293 cells.		
<b>Intended learning outcomes</b>		
In this course, students will learn about the (patho-)physiology of pain, neuroanatomical structures and therapeutical opportunities. In molecular biology-based experiments and calcium imaging in a hands-on lab course, methods in molecular pain research will be demonstrated. An insight into pain examination in the clinical routine will be given by demonstration of patients and in self-experience-based practical courses. Results will be summarised by students and discussed in a short presentation at the end of the course.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V + P (no information on SWS (weekly contact hours) and course language available)		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
presentation (20 to 45 minutes)		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
keinem Studiengang zugeordnet		