

Offer of topics for Ph.D. study projects in Third Faculty of Medicine, Charles University in Prague

Project:	Pain in experimental models: mechanisms and evaluation
Mentor (Advisor):	Šimon Vaculín, AssocProf., MVD, PhD
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Project Narrative: <i>(max. 500 characters including spaces):</i>	Animal models are used in neuropathic pain research. Most frequently used method of pain evaluation is detection of evoked hyperalgesia/allodynia. However, it is still not clear how to evaluate spontaneous pain and which parameters beside pain might play a significant role. Therefore the PhD research will be focused on pain evaluation and treatment in laboratory animals. The student will gain skills in laboratory rat handling, surgical technique for induction of neuropathic pain, and behavioral methods.
Requirements for student applicants: <i>(specify your requirements such as degrees or period after degree was granted)</i>	X