Annual International Research Symposium, 2016

Date: December, 2\textsuperscript{nd}, 2016

Venue: Marsilius-Kolleg, INF 130.1, Big Seminar Room, Ground floor, Heidelberg University, 69120, Heidelberg

Preliminary Program

08:45 Registration

08:55 Welcome: Rohini Kuner

Session 1: Chair: Herta Flor

09:00-09:30 Rolf-Detlef Treede (S01): Standardization and new development of pain-related models and methods in humans

09:30-10:30 Tor Wager, University of Colorado at Boulder, USA: Neuroimaging of pain and distress: From biomarkers to brain representation

10:30-11:00 Coffee Break

Session 2: Chair: Norbert Weidner

11:00-12:00 Irene Tracey, University of Oxford, Oxford, UK: Imaging pain, analgesia and anaesthesia

12:00-12:30 Herta Flor (B07): Neural circuits involved in phantom limb pain

12:30-14:00 Lunch

Session 3: Chair: Rohini Kuner

14:00-15:00 Allan Basbaum, University of California, San Francisco, USA: What triggers the "disease" of neuropathic pain and how can we repair it?

15:00-15:30 Vijayan Gangadharan (A03): Chronic neuropathic pain via aberrant regenerative plasticity

15:30-16:00 Martin Schmelz (A01): Structure function properties and markers of silent nociceptors in humans

16:00-16:30 Coffee Break

Session 4: Chair: Stefan Lechner

16:30-17:00 Jan Siemens (A07): Inhibiting nociceptor sensitization: is there a role for GABA in peripheral nerve endings?

Young Scientist Presentations

Session 5: Chair: Christopher Milde
17:00-17:20 Livia Asan (Thomas Kuner group-B08): Assessing cortical cellular composition and volume changes by longitudinal *in vivo* imaging of cell nuclei

17:20-17:40 Alice Arcourt (Stefan Lechner’s group-A01): Touch receptor-derived sensory information alleviates acute pain signaling and fine-tunes nociceptive reflex coordination

17:40-18:00 Yan Tang (V. Grinevich’s group-B02): Responses of individual oxytocin neurons to somatosensory stimuli in behaving rats