

TRANSLATIONAL NEUROBIOLOGY OF THE PAIN SYSTEM XXVI: TRANSLATIONAL PAIN MODELS IN PRECLINICAL, HUMAN EXPERIMENTAL, AND CLINICAL SCIENCES

Aalborg University, 17-18 November 2021

Wednesday 17 November 2021

Moderator: Thomas Graven-Nielsen (CNAP, Department of Health Science and Technology, Aalborg University, Denmark)	
9.00	Opening
9.15	Circuits underlying motor cortex stimulation analgesia: Fundamental aspects <i>Rohini Kuner</i> (Medical Faculty Heidelberg, Heidelberg University, Germany)
10.00	Pain and pain sensitivity modulated by tDCS in experimental prolonged pain models <i>Sebastian Kold Sørensen</i> (CNAP, Department of Health Science and Technology, Aalborg University, Denmark)
10.30	Break
10.45	Non-invasive brain modulation in clinical practice: current status and new data based on translational approaches <i>Daniel Ciampi de Andrade</i> (CNAP, Department of Health Science and Technology, Aalborg University, Denmark)
11.30	Discussion
12.00	Lunch
13.00	Nociception and pain: The translatability of spinal facilitatory and brain inhibitory paradigms and their quantitative measurement <i>Kirsty Bannister</i> (King's College London, UK)
13.45	Assessing descending pain modulatory mechanisms in experimental and clinical settings <i>Kristian Kjær Petersen</i> (CNAP, Department of Health Science and Technology, Aalborg University, Denmark)
14.15	Modulation of pain after exercise and CPM in humans: same or different? <i>Henrik Bjarke Vægter</i> (Pain Research Group, Odense University Hospital, Denmark)
14.45	Break
15.15	Genetic insight into endometriosis: how to move from GWAS to personalised medicine <i>Mette Nyegaard</i> (Department of Health Science and Technology, Aalborg University, Denmark)
16.00	End of day 1

Thursday 18 November 2021

Moderator: Carsten Dahl Mørch (CNAP, Department of Health Science and Technology, Aalborg University, Denmark)	
9.00	Histochemical differences between painful and pain-free neuropathy <i>Páll Karlsson</i> (Danish Pain Research Centre, Department of Clinical Medicine, Aarhus University, Denmark)
9.45	Computational modelling of primary afferents <i>Karin Jenny Veronica Tigerholm</i> (CNAP, Department of Health Science and Technology, Aalborg University, Denmark)
10.15	Break
10.30	The clinical problems of painful and pain-free diabetic neuropathy <i>Niels Ejsskjær</i> (Steno Diabetes Center North Denmark, Departments of Endocrinology and Clinical Medicine, Aalborg University Hospital, Aalborg, Denmark)
11.15	Poster session
12.15	Lunch
Moderator: Laura Petrini (CNAP, Department of Health Science and Technology, Aalborg University, Denmark)	
13.15	Fundamental aspects of the intersection of reward and pain <i>Susanne Becker</i> (Balgrist University Hospital, Zürich, Switzerland)
14.00	Pain, a precision signal for reinforcement learning and control: Clinical implications <i>Ben Seymour</i> (Nuffield Department of Clinical Neurosciences, University of Oxford, UK)
14.45	Questions and discussion
15.00	End of day 2