

# Pain, Degeneration and Development - Signalling in the Nervous System

June 11-12 and 15-16, 2009, Kuopio

## FINAL PROGRAMME

### Thursday 11<sup>th</sup> June – Bioteknia 3208

12:00 Lunch

13:15 Opening of the meeting

Chair - Rashid Giniatullin

13:30 Andea Nistri – Rhythmic patterns of brainstem motoneurons in health and disease

14:30 Rashid Giniatullin- Basic mechanisms of pain signaling

15:30 General Discussion

15:45 End of day 1

### Friday 12<sup>th</sup> June – Bioteknia 3208

Chair – Olga Vergun

09:30 Andrea Nistri – Basic mechanisms of acute spinal injury

10:30 Coffee and discussion

11:00 Michael Courtney – Excitotoxicity, signaling and neuroprotective peptides

12:00 Lunch [Microteknia]

13:00 Poster session and coffee [Microteknia]

Chair – Genevieve Bart

13:45 Olga Vergun – mitochondria in neurodegeneration

14:45 Rashid Giniatullin – Migraine Pain

15:45 General Discussion

16:00 End of day 2

### Monday 15<sup>th</sup> June – Snellmania L21

09:30 Opening of part II

Chair – Michael Courtney

09:45 Mike Salter - Pain: Overview and Challenges

10:45 Linda Van Aelst – *Small GTPases in neurobiology*

11:30 Discussion

11:45 Leonard Khiroug - Microdomains in glial-neuronal communication

12:45 Lunch [Microteknia]

13:45 Poster session and coffee [Microteknia]

Chair – Peter Martinsson

14:15 Michael Courtney – Nitric oxide signalling pathways in excitotoxicity; potential new targets for neuroprotective drug design

15:15 Linda Van Aelst - Regulators of Rho GTPases in neuronal development and disorders

16:00 General Discussion

16:15 End of Day 3

18:00-20:00 Boat trip on lake with onboard sauna

### Tuesday 16<sup>th</sup> June – Snellmania L21

Chair – Leo Khiroug

09:30 Eleanor Coffey - Brain development: regulatory mechanisms revealed by a kinase substrate screen approach

10:30 Mike Salter - Neuron-Glia Interactions in Pain

11:30 General Discussion and Fruit

11:45 Leonard Khiroug - Motility and Ca<sup>2+</sup> buffering of mitochondria in health and disease

12:45 Lunch [Microteknia]

Chair – Dorota Kamińska

13:45 Mike Salter - Type I Diabetes: The Role of TRPV1 Sensory Neurons

14:45 General Discussion

15:00 Close of meeting

[15:30- Meeting: *Systems Biology of Neurodegeneration*, Bioteknia I, rm 3208

[www.uku.fi/gsmm/programs/systemsbiology\\_neurodegeneration.pdf](http://www.uku.fi/gsmm/programs/systemsbiology_neurodegeneration.pdf)]

## Funding

Graduate School of Molecular Medicine      Nordic Imaging Network  
Drug Discovery Graduate School              European Social Fund  
Finnish Graduate School of Neuroscience



*Poster Sessions will be held in Microteknia I, just after lunch on Friday and Monday*

*Lectures Thursday-Friday will be in Bioteknia room 3208*

*Lectures Monday-Tuesday will be in Snellmania room L21*