

Models of Neuroinflammation and Neuropathology

AUTOIGG training school 2

6.-7. June 2022, University of Eastern Finland, Kuopio

Preliminary program

Updated April 20. 2022

Registration open until May 15. 2022 at:

<https://link.webpolsurveys.com/S/4D13C3AD6AC7174E>

And



UNIVERSITY OF
EASTERN FINLAND



Monday, June 6 , 2022

OPENING

9:00 – 9:15 Registration

9:15 – 9:30 Welcome

9:30 – 11:00 Session 1. Neuroinflammation and neuropathologies

9:30 - 10:10, Tarja Malm: Introduction to glia in neuropathology

10:10 – 10:50, Gulderen Yanikkaya: Cytokines in the brain and neuroinflammation

10:50 – 11:30, Laura Airas, Clinical outcome measures to assess glia function in neuropathologies

11:30 – 12:30 Lunch and exhibition

12:30-13:30 Session 2. Microglia

12:30-13:00, Henna Jäntti: Functional read-outs for human microglia and their relevance in neuropathologies

13:00-13:30, Wei Mo: Mechanobiology of microglia

13:30-14:00, Ilkka Fagerlund: Microglia in brain organoids

14:00–14:15 Coffee and exhibition

Monday, June 6 , 2022

13:45-15:30 Session 3. BBB

14:15-14:45, Danijela Bataveljic: BBB breach and the role of glia in inflammation

14:45-15:15, Tuuli-Maria Sonninen: Blood-brain-barrier-on-a-chip

15:15– 15:30 Coffee and exhibition

15:30-16:00 Session 4. Biomarkers

16:00-16:30, Pavle Andjus: Glial markers of ALS and neuroinflammation in the hSOD1 G93A model

16:30–17:00, Milena Milošević: Cellular and humoral factors of inflammation in ALS

17:00 Closing of day 1

18:00 Evening program

Tuesday, June 7 , 2022

8:30-9:00 Coffee and exhibition

9:00-10:30 Session 5. The pain

9:00-9:30, Roxana Gheorghe: Experimental animal models
for peripheral traumatic neuropathic pain: a comparison

9:30-10:00, Prateek Singh: Chips-for-pain

10:00-10:15 Coffee and exhibition

9:00-10:30 Session 6. More pain

10:15-10:45, Nikita Mikhailov: Pain-on-a-chip

10:45-11:15, Violeta Ristoiu: The role of macrophages from
peripheral nervous system in traumatic neuropathic
pathogenesis

11:15-12:15 Lunch and exhibition

12:15-14:15 Session 7. Academia meets industry

TBA

14:15 Closing words

Organizing team

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