

Sunday, September 17, 2017

11:00-13:00	Registration
13:00-13:10	Welcome and Introduction
13:10-17:15	Session 1: Revisiting Glia
13:10-14:00	Keynote: Carla Shatz, Stanford University, USA Surprise at the Synapse: MHC Class I and Pruning in Developmental Critical Periods and Alzheimer's Disease [K01]
14:00-14:30	Beth Stevens, Children's Hospital Boston, Harvard University, USA [INV01]
15:00-15:30	Francisco Quintana, Brigham and Women's Hospital, Harvard Medical School, USA [INV02]
15:30-15:45	Refreshment break
15:45-16:15	Marc Freeman, Oregon Health & Science University, USA [INV03]
16:15-16:45	Shane Liddelow, Stanford University, USA [INV04]
16:45-17:00	Short talk
17:00-17:15	Short talk
17.15-18.30	Welcome Drinks Reception

Monday, September 18, 2017

08:30-11:45	Session 2: Neurodegeneration
08:30-09:00	Marco Colonna, Washington University School of Medicine, USA [INV05]
09:00-09:30	Lawrence Steinman, Stanford University, USA Essential Differences between Neurodegeneration and Neuroinflammation [INV06]
09:30-09:45	Short talk
09:45-10:00	Short talk
10:00-10:30	Refreshment Break
10:30-11:00	Li-Huei Tsai, Massachusetts Institute of Technology, USA Temporal tracking of microglia activation in neurodegeneration at single-cell resolution [INV07]
11:00-11:30	Burkhard Becher, University of Zurich, Switzerland The T Cell-Myeloid Connection in CNS Inflammation [INV08]
11:30-11:45	Short talk
11:45-12:30	Meet the Cell Press Editors
12:30-13:30	Lunch
13:30-14:30	Poster Session 1
14:30-17:45	Session 3: Neuroimmune Development and Homeostasis
14:30-15:00	Florent Ginhoux, Singapore Immunology Network, Singapore [INV09]
15:00-15:30	Sonia Garel, École Normale Supérieure, France Early wiring of the neocortex: Microglia, inflammation, sex and germs [INV10]
15:30-16:00	Richard Ransohoff, Biogen, USA Revisiting microglia [INV11]
16:00-16:30	Refreshment break
16:30-17:00	Christopher Glass, University of California, San Diego, USA [INV12]
17:00-17:30	Jonathan Kipnis, University of Virginia School of Medicine, USA Are microglia replaceable? [INV13]
17:30-17:45	Short talk

18:15-22:00 **Meet the Speakers Dinner** (ticket holders only)**Tuesday, September 19, 2017****08:45-12:00 Session 4: Inflammatory Microenvironments and Neuroimmune Interfaces****08:45-09:15 Robyn Klein, Washington University School of Medicine, USA**

Decreased adult neurogenesis underlies virus-induced memory dysfunction [INV14]

09:15-09:45 Johanna Joyce, Ludwig Institute for Cancer Research/University of Lausanne, Switzerland

Navigating the immune cell landscape in brain malignancies [INV15]

09:45-10:00 Short talk**10:00-10:15 Short talk****10:15-10:45 Refreshment Break****10:45-11:15 Josep Dalmau, IDIBAPS/University of Barcelona, Spain and University of Pennsylvania, USA**

Anti-NMDA receptor encephalitis and other antibody-mediated diseases of the synapse [INV16]

11:15-11:45 Diana Bautista, University of California, Berkeley, USA

Neural control of itch and inflammation in atopic dermatitis [INV17]

11:45-12:00 Short talk**12:00-12:15 Short talk****12:15-13:15 Lunch****13:15-14:15 Poster Session 2****14:15-17:20 Session 5: Gut-Brain Axis****14:15-14:45 Dan Littman, Skirball Institute, New York University School of Medicine, USA**
[INV18]**14:45-15:15 Marco Prinz, University of Freiburg, Germany**

Myeloid cells in the brain [INV19]

15:15-15:30 Short talk**15:30-15:45 Refreshment Break****15:45-16:15 Sarkis Mazmanian, California Institute of Technology, USA**

Gut Microbiota Contribute to Motor Symptoms and Pathology in Parkinson's Disease [INV20]

16:15-16:30 Short talk**16:30-17:20 Keynote: Ruslan Medzhitov, Yale School of Medicine, USA**

Shared strategies in the nervous and immune systems [K01]

17.20-17.30 Closing Remarks