



8:00 – 8:45 | Registration and poster set-up
8:45 – 9:00 | Welcome speech

Astrocytes

9:00 – 9:45 | **Andrea Volterra** - Roles of astrocytes in hippocampal memory and cognitive impairment
9:45 – 10:00 | Abstract talk: Dimitra Sokolva - *Astrocyte-derived MFG-E8 facilitates microglial synapse elimination in Alzheimer's disease mouse models*
10:00 – 10:15 | Abstract talk: Catherine Marneffe - *Investigating the role of astrocytes and noradrenaline as critical regulators of neuronal circuit excitability*
10:15 – 10:45 | Coffee break
10:45 – 11:00 | Abstract talk: Imke Schuurmans - *Direct and rapid differentiation of iPSCs towards functional mature astrocytes to better understand neurometabolic disorders*
11:00 – 11:45 | **Lut Arckens** - Astrocytes promote neuronal recovery from sensory loss - a view from the visual cortex
11:45 – 12:00 | Platinum sponsor Miltenyi Biotec BV represented by Veerle Lemmens
12:00 – 14:00 | Lunch and poster presentations

Microglia

14:00 – 14:45 | **Anne Roumier** - Regulation of microglia by Serotonin: impact on neurodevelopment and behavior
14:45 – 15:00 | Abstract talk: Melanie Mertens - *DISC1 regulates microglial saltatory migration during brain development via actin*
15:00 – 15:15 | Abstract talk: Anthony Procès - *Stretch-injury promotes microglia activation with enhanced phagocytic and synaptic stripping activities*
15:15 – 15:45 | Coffee break
15:45 – 16:00 | Abstract talk: Jeroen Guns - *S-palmitoylation impedes brain repair by perturbing foam cell physiology*
16:00 – 16:45 | **Rosa Chiara Paolicelli** - Microglia in the pathogenesis of neurodegeneration
17:00 – 17:30 | RBSCDB General Assembly



Miltenyi Biotec



Part of Europa Biosite



A new focus on life science



- 9:00 – 9:45 | **Ashwin Woodhoo** - Neddylation: A global orchestrator of the Schwann cell myelination molecular network
- 9:45 – 10:00 | Abstract talk: Fleur Mingneau - 5-LOX activating protein (FLAP): a novel target to boost the resolution of neuro-inflammation in multiple sclerosis
- 10:00 – 10:15 | Abstract talk: Amanda Moya-Gomez - Extremely low-frequency electromagnetic stimulation (ELF-EMS) affects glia and has a neuromodulatory effect on ischemial reperfusion models
- 10:15 – 10:45 | Coffee break
- 10:45 – 11:00 | Abstract talk: Karen Libberecht - Disruption of lysosomal homeostasis and extracellular cathepsin release by Schwann cells in Charcot-Marie-Tooth disease type 1A
- 11:00 – 11:45 | **Ludo Van Den Bosch** - iPSC derived models to study neurodegenerative diseases
- 12:00 – 14:00 | Lunch break and poster presentations

- 14:00 – 14:45 | **Vassilis Pachnis** - Enteric glia: insights into neurogenesis and immunity
- 14:45 – 15:00 | Abstract talk: Peter Verstraelen - Bacterial Amyloids Trigger SAA3-Dependent Inflammatory Signaling in the Enteric Nervous System
- 15:00 – 15:15 | Abstract talk: Gabriele Sanchini - Mucosal enteric glia homeostasis is affected by environmental cues and requires vagal innervation
- 15:15 – 15:45 | Coffee break
- 15:45 – 16:00 | Abstract talk: Nina Colitti - Follow-up of human enteric glia fate after intranasal delivery in the injured brain of immunocompetent rats
- 16:00 – 16:45 | **Lukas Sommer** - Peripheral glial cells: key players in skin wound healing and skin cancer formation
- 16:45 – 17:15 | Awards and closing remarks



Miltenyi Biotec



Part of Europa Biosite

