

Thorsten och Elsa Segerfalk Stiftelse Symposium 2023

Brain Circuit Analysis

3rd of May at the Belfrage conference room at BMC D15

08.30 – 09.00	Conference opens and Registration (Mingle with Coffee and Breadrolls)
09.00 – 09.10	Welcome and Introduction
09.10 – 09.50	<i>AAV vectors for targeted transgene delivery to genetically defined cell populations</i> Prof. Dirk Grimm, Heidelberg University Chair: Marcus Davidsson
09.50 – 10.10	Coffee Break
10.10 – 10.50	<i>Circuit mechanisms that shape motivated behaviours</i> Prof. Konstantinos Meletis, Karolinska Institutet Chair: Jens Schouenborg
10.50 – 11.00	Break
11.00 – 11.30	Data Blitz Session <i>Investigating human dopaminergic - striatal neuron interactions with bioengineered multi-organoid systems</i> Edoardo Sozzi, Developmental and Regenerative Neurobiology <i>Investigation of glymphatic function in rodent models of Parkinson's disease</i> Roberta Battistella, Glia-Immune Interactions
11.30 – 13.00	Lunch Break (Light lunch will be provided for registered participants)
13.00 – 13.40	<i>All-optical methods to reveal the neural code underlying sensory perception</i> Dr. Tommaso Fellin, Istituto Italiano di Tecnologia Chair: Daniella Rylander Ottosson
13.40 – 14.10	Break (Water and Fruit)
14.10 – 14.50	<i>3D microelectrode clusters for the recording of neuronal networks in physiological conditions</i> Prof. Jens Schouenborg, Lund University Chair: Martin Garwicz
14.50 – 15.10	Break (Coffee and Cake)
15.10 – 15.50	<i>Genetically encoded sensors for chemical transmission in the brain</i> Prof. Lin Tian, UC Davies (digital) Chair: Marco Ledri
15.50 – 16.00	Break
16.00 – 16.45	Panel Discussion Chair: Martin Garwicz and Andreas Heuer
16.45 – 17.00	Closing remarks



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