



## Marie Skłodowska-Curie Action Innovative Training Network (ITN) - ENTRAIN Symposium

### ***Endothelial – Macrophage Interactions in the CNS during Disease***

**Date:** 9th of January, 2024

**Venue:** Theodor-Kocher-Institute, Freiestrasse 1, 3012 Bern, Switzerland

#### **Agenda**

**3:00 pm - 3:05 pm:** Welcome & Introduction (Kristina Berve, University of Bern, Switzerland)

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**3:05 pm - 3:25 pm:** Cathrin Hansen (Department of Molecular and Cell Biology and Immunology, Stichting Vumc, Amsterdam, Netherlands)

Topic: ***Neuroimmune communication with the blood-brain barrier in MS***

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**3:25 pm - 3:45 pm:** Ana Rita Ribeiro Bras (Institute of Experimental Medicine, Hungarian Academy of Science, Budapest, Hungary)

Topic: ***Microglia-endothelial interactions in vascular and leukocyte responses***

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**3:45 pm - 4:05 pm:** Dimitrios Spyropoulos (Institute for Experimental and Clinical Pharmacology and Toxicology, University of Lübeck, Germany)

Topic: ***The role of  $G\alpha_{q/11}$  signaling in brain endothelial cells***

**4:05 pm - 4:25 pm:** Ümit Özorhan (Institute for Experimental and Clinical Pharmacology and Toxicology, University of Lübeck, Germany)

Topic: ***Brain Macrophages in the Remodelling of Microvessels***

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**4:25 pm - 4:45 pm:** Tizibt Bogale (Mario Negri Institute for Pharmacological Research, Milan)

Topic: ***Alpha-synuclein in vascular recovery after ischemic stroke***

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**4:45 pm - 5:15 pm:** Coffee Break

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**5:15 pm - 5:35 pm:** Sai Kiran (Institute of Physiological Chemistry and Pathobiochemistry, University of Münster, Germany)

Topic: ***Effects of Vascular Basement Membrane Laminins on CNS Border associated Macrophages***

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**5:35 pm - 6:35 pm:** Keynote Lecture by Dr. Robert Thorne (Denali Therapeutics, San Francisco/University of Minnesota, USA)

Topic: ***Leveraging physiology & engineering for drug delivery to the brain: taking antibodies, enzymes and other proteins to the final frontier***

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**7:00 pm – Open End:** Aperó/Dinner

ENTRAIN Project Coordinator: Prof. Dr. Markus Schwaninger, University of Lübeck, Germany

ENTRAIN Project Administrator: Aurelie Batchadji, University of Lübeck, Germany

Symposium Host Institution: Prof. Dr. Britta Engelhardt, University of Bern, Switzerland

Symposium Organizer: Kristina Berve, University of Bern, Switzerland

