



APRIL 3, 2024

## Vascular and Neuroimmune Contributions to Brain Function Symposium



### AGENDA

1:00–2:00 pm **KEYNOTE LECTURE: Neurovascular Determinants of Cognitive Health: From Vascular Cognitive Impairment to Neurodegeneration**  
*Dr. Costantino Iadecola, Director of the Feil Family Brain and Mind Research Institute, Anne Parrish Titzell Professor of Neurology at Weill Cornell Medicine, NY*

2:00–3:30 pm **SESSION I**

**Modulation of Brain Myelination by the Meningeal Lymphatic System**

*Dr. Sandro Da Mesquita, Assistant Professor, Mayo Clinic Jacksonville, FL*

**Neuroimmune Cellular Communication: Downloading Data from the Dura Mater**

*Dr. Anthony Filiano, Assistant Professor, Duke University*

**Blood-Brain Barrier Changes in Postoperative Neurocognitive Disorders**

*Dr. Ting Yang, Assistant Professor, Department of Medicine, Duke University*

3:30–3:45 pm **COFFEE BREAK**

3:45–4:15 pm **SESSION II**

**Altered Neutrophil Reactivity Contributes to Microvascular Inflammation in an AD Mouse Model**

*Dr. Oliver Bracko, Assistant Professor, University of Miami*

**Bioelectronic Regulation of Neuroinflammation in Delirium Superposed on Dementia**

*Dr. Chengcheng Song, Postdoctoral Fellow (Terrando lab), Department of Anesthesiology, Duke University*

**Deciphering Neurovascular Inflammation Dynamics: An Engineering Approach with the Human-Derived Neurovascular Unit-on-a-Chip**

*Dr. Wonjae Lee, Assistant Professor, Department of Neurosurgery, Duke University*

4:15–5:30 pm **PANEL DISCUSSION AND COMMUNITY EVENT**

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Questions? Contact Dr. Niccolò Terrando ([niccolo.terrando@duke.edu](mailto:niccolo.terrando@duke.edu))



**Register today!**