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)