ENABLING NOVEL TREATMENTS FOR NERVOUS SYSTEM DISORDERS BY IMPROVING METHODS FOR TRAVERSING THE BLOOD-BRAIN BARRIER: A WORKSHOP

Opening Talks
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Introduction
HUSSEINI MANJI, Janssen Research & Development, LLC (MODERATOR)

BBB Structure, Function, and Pathology
BERISLAV ZLOKOVIC, University of Southern California

Modes of Traversing and Overcoming the BBB
WILLIAM PARDRIDGE, University of California, Los Angeles

Discussion
Session Objectives:

- Provide background information about BBB biology including its function in health and disease states and active and passive mechanisms challenging delivery of therapeutics to the CNS.
- Review different mechanisms and modes for traversing the BBB for the purpose of therapeutic delivery to the CNS.
- Highlight gaps in our understanding of BBB biology and transport mechanisms for delivery of therapeutics to the brain.