

**SAVE
THE
DATE!**

Brain Barriers: A Hurdle for Drug Discovery

Image credit: Blood-Brain Barrier Laboratory, University of Connecticut Health Center.



Register at www.nyas.org/BrainBarriers

Brain barriers, including the blood-brain barrier (BBB) and blood-CSF barrier (BCSFB), play a critical role in protecting the brain from toxins and infections while maintaining the ionic and volumetric environments. The ability to treat neurological diseases is often limited by the efficient function of these barriers. This symposium encompasses current understanding of these barriers and several key approaches for therapeutic exploitation. Industry and academic specialists will review recent advances on both the BBB and BCSFB, tackling gene expression of the endothelium, and the role of glia to alterations in disease states. Novel methods for drug delivery across the barriers will be covered, including issues related to brain penetration of large molecules, advances in nanoparticles and adenovirus, and the emerging use of ultrasound.

CALL FOR POSTER ABSTRACTS:

The symposium will feature a poster session. To submit an abstract for consideration, please email BrainBarriers@nyas.org and include your title and abstract, the full list of authors and their affiliations, by **Friday, October 7, 2011**.

Organizers

Jo Ann Dumin, PhD, Pfizer Global Research and Development
Joel Pachter, PhD, University of Connecticut Health Center
Mercedes Beyna, MS, Pfizer Global Research and Development
Jennifer Henry, PhD, The New York Academy of Sciences

Speakers

David Begley, PhD, King's College, London
Adam Chodobski, PhD, The Warren Alpert Medical School of Brown University
Damir Janigro, PhD, Cleveland Clinic
Brian Kaspar, PhD, Research Institute at Nationwide Children's Hospital
Elisa Konofagou, PhD, Columbia University
Joel Pachter, PhD, University of Connecticut Health Center
Manoj Rajadhyaksha, PhD, Pfizer Global Research and Development

Presented by the **Biochemical Pharmacology Discussion Group** at the **New York Academy of Sciences** and the **New York Chapter of the American Chemical Society**

**OCT
25**
9:00 AM-
5:30 PM

Reception to follow

Registration

Member: \$25
Member:
(Student/Postdoc): \$10
Non-Member
(Student/Postdoc): \$40
Non-Member
(Non-profit/Academic): \$60
Non-Member
(Corporate): \$80

Location

The New York
Academy of Sciences
7 World Trade Center
250 Greenwich St, 40th Fl
New York, NY 10007

Customer Service

Email: customerservice@nyas.org
Phone (Toll Free):
1.800.843.6927
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1.212.298.8640

Sponsorship Opportunities

For sponsorship opportunities,
please contact **Carmen McCaffery**
at cmccaffery@nyas.org
or **212.298.8642**.