

Neuroscience and Immunology

Intersection Yields Clues for the Etiology of Psychiatric and Neurodegenerative Diseases



Register at www.nyas.org/NeuroImmunology

The disciplines of neuroscience and immunology have made substantial scientific achievements, yet the two rarely find a common language and purpose necessary to support scientific breakthroughs. Coming from the study of a variety of seemingly disparate diseases, elements that were previously considered to be domains of one discipline are now discovered in the other (for example, synapses made by T-cells, and cytokines as neuromodulators). This symposium introduces the interdisciplinary field of neuroimmunology and presents a series of studies that elucidate the role of cytokines and other immune-derived elements in a variety of normal and pathological brain functions.

Organizers

Seongeun (Julia) Cho, Food and Drug Administration

Ken Jones, Lundbeck Research USA

Lars Pedersen, H. Lundbeck A/S, Denmark

Jennifer Henry, The New York Academy of Sciences

Speakers

Inflammation and its Discontents: The Role of Inflammation in the Pathophysiology and Treatment of Major Depression

Andrew Miller, Emory University School of Medicine

The Role of Inflammatory Cytokines in Neural and Behavioral Plasticity

Raz Yirmiya, Hebrew University

Role of Proinflammatory Signaling in Neuronal Dysfunction in Alzheimer's Disease

Shi Du Yan, Columbia University

Role and Regulation of TNF α -dependent Neuroinflammation in Models of Neurodegeneration

Malú Tansey, Emory University School of Medicine

Fibrinogen Signal Transduction as a Mediator and Therapeutic Target in Inflammation: Lessons from Multiple Sclerosis

Katerina Akassoglou, Gladstone Institute & UCSF

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
26**
1:00 PM-
5:00 PM

Registration

Member: FREE

Non-Member: \$30

Non-Member

(Student/Postdoc): \$15

Location

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

For additional info, e-mail
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call 212.298.3725

Sponsorship Opportunities

For sponsorship opportunities,
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