

Upcoming Biochemical Pharmacology Discussion Group Meetings for 2011

Please visit www.nyas.org/BPDG for more details and to register for these events.

Tuesday, January 25, 2011 1:00 PM–5:00 PM

Novel Mechanisms in Resolution of Inflammation: Implications in Health and Disease

Organizers: Charles N. Serhan (Center for Experimental Therapeutics & Reperfusion Injury) and George Zavoiu (MLV).

Uncontrolled, chronic inflammation is now considered a major component of many diseases, including asthma, atherosclerosis, Alzheimer's and cancer. This symposium provides a review of recent discoveries, and discusses new approaches and pharmacology.

Tuesday, February 22, 2011 1:00 PM–5:00 PM

Sirtuins, Longevity and Adaptations to Nutrient Availability

Organizers: Steven Gross (Weill Cornell Medical College) and Anthony Sauve (Weill Cornell Medical College).

Sirtuins are implicated in aging and adaptations to food intake, thus play an important role in low-calorie diets. The symposium reveals discoveries in how sirtuins regulate biological processes, and modulation of their biochemical properties.

Tuesday, March 22, 2011 1:00 PM–5:00 PM

Are Neurodegenerative Diseases Catching? Disease Propagation in Protein Misfolding

Organizers: Robert Martone (Biomarkers Center of Excellence, Covance), Heather Shih (Pfizer) and June Sonnenberg-Reines.

Protein misfolding causes many neurodegenerative diseases, including Alzheimer's, Parkinson's and Huntington's. This symposium reviews breakthroughs in characteristic non-autonomous disease propagation, and reviews the development of novel therapies.

Tuesday, April 26, 2011 9:00 AM–5:00 PM

Autism Spectrum Disorders: From Genes to Targets to Treatments

Organizers: Mercedes Beyna (Pfizer), Kenneth Jones (Lundbeck Research USA), Robert H. Ring (Pfizer) and Daniel G. Smith (Lundbeck Research USA).

Autism spectrum disorders affect up to 1% of the population, and there are no effective treatments for the core diagnostic symptoms. This symposium focuses on emerging neuroscience research laying the foundation for development of novel therapeutics.

Tuesday, May 24, 2011 9:00 AM–5:00 PM

The Biology of Apolipoprotein E: A Novel Pathway for the Treatment of Alzheimer's Disease?

Organizers: Kelly Bales (Pfizer), Mercedes Beyna (Pfizer), Kenneth Jones (Lundbeck Research USA) and Roland Staal (Lundbeck Research USA).

ApoE4 is the strongest genetic risk factor for developing late onset Alzheimer's disease (AD). This symposium will bring together experts in the field to discuss the role of ApoE in AD as well as potential therapeutic strategies.

Tuesday, September 20, 2011 1:00 PM–5:00 PM

Personalized Medicine: A Search for Tailored Therapeutics

Organizers: Ann del Campo (Sequenom Inc.) and Charles A. Lunn (Schering-Plough Research Institute).

Clinical researchers are investigating new strategies to enable tailored treatments of disease for individual patients. This symposium reviews state-of-the-art research efforts, translational medical research data, and advancing technologies to make personalized medicine a reality.

Tuesday, October 25, 2011 9:00 AM–5:00 PM

Brain Barriers: A Hurdle for Drug Discovery

Organizers: Mercedes Beyna (Pfizer), Jo Ann Dumin (Pfizer) and Manoj Rajadhyaksha (Pfizer).

Isolating the CNS to create a unique, protective biochemical and immunological environment, the blood brain barrier also interferes in easy passage of therapeutic molecules. The symposium covers research advances tackling this therapeutic challenge.