

Schedule of events - 2013 PGG Symposium

KIRBY LOBBY

11:00 AM Registration and boxed lunches

KIRBY AUDITORIUM

12:00 - 12:15 PM Opening Remarks - Chair of Pharmacology
Graduate Group

12:15 - 1:45 PM Student Talks - Session 1

Mahlet Abera (PI Marcelo Kazanietz)

TGF- β mediated acquired tyrosine kinase inhibitor resistance and epithelial -mesenchymal transition in lung cancer cells are regulated by PKC α

Patrick Gannon (PI Kelly Jordan-Sciutto)

Antiretroviral drugs promote amyloidogenic APP processing via phospho-eIF2 α -dependent translational upregulation of BACE1

Corey Cannon (PI Doris Stoffers)

The role of Bmi1 in regulating insulin sensitivity

1:45 - 2:00 Coffee Break

BOGLE CHAIRMAN'S ROOM

2:00 - 3:00 PM Student Poster Session

KIRBY AUDITORIUM

3:00 - 4:15 PM Student Talks - Session 2

Jesse Carlin (PI Teresa Reyes)

*High fat diet affects dopamine gene expression and behavior:
adolescent versus adult exposure*

Nathaniel Snyder (PI Ian Blair)

*Disposition, function, and metabolism of bioactive oxo-
eicosatetraenoic acids*

Laura Castellano (PI James Shorter)

*Using Molecular Tweezers to Counteract Amyloid-Mediated
Enhancement of HIV Infectivity*

KIRBY LOBBY

4:15 - 4:30 PM Coffee Break

KIRBY AUDITORIUM

4:30 PM The John S. O'Brien Memorial Lecture:

"The changing ecosystem of drug discovery in the US"

Barbara S. Slusher, PhD, MAS
Director, Brain Science Institute
NeuroTranslational Drug Discovery Program
Professor of Neurology and Psychiatry
Johns Hopkins School of Medicine

5:30 PM Student and Faculty Awards

BOGLE CHAIRMAN'S ROOM

5:45 - 6:30 PM Cocktail Reception

The John S. O'Brien Memorial Lecture in Pharmacology

The changing ecosystem of drug discovery in the US

Barbara S. Slusher, Ph.D. M.A.S.



Dr. Barbara S. Slusher is a Professor of Neurology and Psychiatry and the Director of the Brain Science Institute NeuroTranslational Drug Discovery Program at the Johns Hopkins School of Medicine. At Hopkins, she leads the largest integrated drug discovery program on campus, responsible for translating basic science discoveries into new drug therapies for neurological and psychiatric disorders. Her 20-member veteran drug discovery team consists of medicinal chemists, assay developers, pharmacologists, toxicologists, and pharmacokinetic/drug metabolism experts.

Prior to joining Hopkins in 2010, Dr. Slusher had a highly accomplished drug discovery career in the pharmaceutical industry holding positions of increasing responsibility at ICI Pharmaceuticals, Zeneca (now Astra-Zeneca), Guilford Pharmaceuticals, MGI Pharma, and the Eisai Research Institute, including several years as Senior Vice President of Research and Translational Development. Her experience in drug discovery spans through Phase I/IIa clinical development, participation in multiple FDA meetings and both IND and NDA regulatory filings. She was involved in the successful development, launch and/or postmarketing support of four branded medicines.

Dr. Slusher is an inventor of over fifty issued patents and applications and has published over 140 scientific articles, reviews and book chapters. She has been an invited

speaker at many national and international scientific meetings and has served on the advisory board or as a scientific consultant of several biopharma companies. She has co-founded an new biotechnology company in Baltimore called Cerecor, to commercialize JHU drug discovery inventions. She is also leading the first International Consortium for Academic Drug Discovery scientists in an effort to coordinate and enhance university-led drug discovery efforts.

Dr. Slusher received her undergraduate degree from Dickinson College where she graduated valedictorian, majoring in Chemistry. She received her Ph.D. in Pharmacology and Molecular Sciences from John Hopkins School of Medicine while simultaneously earning her Master's degree in Administrative Science from Johns Hopkins Carey School of Business (formerly the Hopkins' School of Continuing Studies).

Dr. Slusher has strong ties in Maryland, growing up in Bel Air and continuing to live in the area with her husband and three children. She and her family are committed to community service, traveling to Kenya, Africa to volunteer for "Caring for Kids of Kenya", coaching youth travel-lacrosse and founding a women's lacrosse club. She was awarded the United Way Big Brother/Big Sister Volunteer-of-the-Year Award for her work with inner-city children and was awarded a volunteer honor from Habitat for Humanity.