Institute of Chemical Biology & Drug Discovery

Frontiers in Chemical Biology and Drug Discovery

Friday, October 14, 2011  ◆ Charles B. Wang Center

Distinguished Speakers

Dr. Joanna Fowler, Brookhaven National Laboratory
Dr. Stephen V. Frye, University of North Carolina at Chapel Hill
Dr. John Gerlt, University of Illinois at Urbana-Champaign
Dr. Deborah Hung, Broad Institute of MIT and Harvard University
Dr. Kenneth Kaushansky, Stony Brook University School of Medicine
Dr. Russell Petter, Avila Therapeutics
Dr. Celia Schiffer, University of Massachusetts Medical School
Dr. Carlos Simmerling, Stony Brook University Department of Chemistry

Poster Sessions ◆ Poster Awards

For more information, please visit http://ws.cc.stonybrook.edu/icbddd/
5th ICB&DD Annual Symposium
"Frontiers in Chemical Biology and Drug Discovery"

Friday, October 14, 2011
Charles B. Wang Center, Stony Brook University

9:30 am to 9:45 am  Moderator: Dr. Peter Tonge (Chair of the Organizing Committee)
Opening Remarks
Dr. Iwao Ojima, Distinguished Professor and Director, Institute of Chemical Biology and Drug Discovery, Stony Brook University

9:45 am to 10:30 am  Moderator: Dr. Maria Ryan
Dr. Kenneth Kaushansky, Dean School of Medicine and Senior Vice-President of Health Sciences, Stony Brook University
“Thrombopoietin: From Cloning to Clinic”

10:30 am to 11:15 am  Moderator: Dr. Jian Cao
Dr. Johanna Fowler, Director of Biological Imaging, Medical Dept, Brookhaven National Laboratory
“Imaging Drug Action in the Human Brain”

11:15 am to 12:00 pm  Moderator: Dr. Nicole Sampson
Dr. John Gerlt, Gutgsell Chair, Center for Biophysics and Computational Biology, Depts of Biochemistry and Chemistry, University of Illinois at Urbana-Champaign
“Discovering and Predicting New Functions in the Enolase Superfamily”

12:00 pm to 1:00 pm  LUNCH
Chapel (invited faculty only) Theatre Lobby (students)

1:00 pm to 1:45 pm  Moderator: Dr. Miguel Garcia-Diaz
Dr. Stephen V. Frye, Director, Center for Integrative Chemical Biology and Drug Discovery, University of North Carolina
“The Role of Academic Drug Discovery and Chemical Biology of Chromatin Regulation”
1:45 pm to 2:30 pm  Moderator: Dr. James Bliska
Dr. Deborah Hung, Center for Computational and Integrative Biology, and Dept of Molecular Biology, Mass General Hospital; Dept of Microbiology and Immunobiology, Harvard Medical School; Broad Institute of MIT and Harvard University
“Chemical Biological Approach to TB: Identifying New Drugs Targets”

2:30 pm to 3:15 pm  Moderator: Dr. Isaac Carrico
Dr. Russell Petter, Vice-President Drug Discovery, Avila Therapeutics
“The Resurgence of Covalent Drugs”

3:15 pm to 4:15 pm  Coffee Break and Student Poster Session
Theatre Lobby

4:15 pm to 5:00 pm  Moderator: Dr. Jessica Seeliger
Dr. Celia Schiffer, Co-Director Institute of Drug Resistance, Dept of Biochemistry and Molecular Pharmacology, University of Massachusetts Medical School
“Combating Drug Resistance: Lessons from the viral proteases of HIV and HCV”

5:00 pm to 5:45 pm  Moderator: Dr. Rob Rizzo
Dr. Carlos Simmerling, Associate Director, Laufer Center for Physical and Quantitative Biology, Dept of Chemistry, Stony Brook University
“Using Computer Simulations to Investigate Dynamic Aspects of Inhibitor Binding and Potency”

5:45 pm  Closing Remarks: Dr. Peter Tonge

5:50 pm to 6:30 pm  Reception and Poster Session (two poster awards)
Theatre Lobby

6:30 pm to 6:45 pm  Announcement of Poster Awards: Dr. Peter Tonge
Theatre Lobby

6:45 pm  DINNERS
Chapel