Institute of Chemical Biology & Drug Discovery

Frontiers in Genome Sciences

Thursday, October 9, 2014 ◆ Charles B. Wang Center

Distinguished Speakers

Dr. Cynthia J. Burrows, University of Utah
Dr. Alan D. D’Andrea, Harvard Medical School
Dr. Chuan He, The University of Chicago
Dr. Barry Stoddard, Fred Hutchinson Cancer Center
Dr. Vincent Yang, Stony Brook University School of Medicine
Dr. Thomas Tuschl, The Rockefeller University
Dr. Miguel Garcia-Diaz, Stony Brook University School of Medicine

Poster Sessions ◆ Poster Awards

For more information, please visit
http://ws.cc.stonybrook.edu/icbddd/

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ICB&DD 8th Annual Symposium
"Frontiers in Genome Sciences"
Thursday, October 9, 2014

9:30 am to 9:45 am  Opening Remarks
Dr. Orlando Schärer (Chair of the Organizing Committee)
Dr. Yusuf Hannun, Professor of Medicine and Director, Stony Brook Cancer Center, Vice-Dean for Cancer Medicine, Stony Brook University School of Medicine
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. Nicole Sampson
Dr. Cynthia J. Burrows, Distinguished Professor, University of Utah
“Shape-Shifters: How Promoter and Telomeric DNA Sequences Respond to Oxidative Stress”

10:30 am to 11:15 am  Moderator: Dr. David Green
Dr. Barry Stoddard, Principal Investigator, Fred Hutchinson Cancer Research
“Structure, Engineering and Application of Targeted Nucleases for Genome Engineering and Correction”

11:15 am to 12:00 pm  Moderator: Dr. Elizabeth Boon
Dr. Chuan He, Professor, The University of Chicago and Investigator, Howard Hughes Medical Institute
“Reversible DNA and RNA Methylation in Biological Regulation”

12:00 pm to 1:00 pm  Lunch
Chapel (invited faculty only) Zodiac Gallery (students)

1:00 pm to 1:45 pm  Moderator: Dr. Orlando Schärer
Dr. Alan D. D’Andrea, Professor, Harvard Medical School and Scientific Director, Division of Genomics Stability and DNA Repair, Dana Farber Cancer Institute
“Regulation of DNA Repair by Ubiquitin and SUMO.”

1:45 pm to 2:30 pm  Moderator: Dr. Kenneth Shroyer
Dr. Vincent Yang, Professor and Chairman, Department of Medicine, Stony Brook University School of Medicine
“Intestinal Stem Cells: Dynamics and Regulation”

2:30 pm to 3:30 pm  Coffee Break and Student Poster Session
Theatre Lobby and Zodiac Gallery

3:30 pm to 4:15 pm  Moderator: Dr. Jessica Seeliger
Dr. Miguel Garcia-Diaz, Associate Professor, Department of Pharmacological Sciences, Stony Brook University School of Medicine
“Structural insights into the regulation of mitochondrial transcription”

4:15 pm to 5:00 pm  Moderator: Dr. Jingfang Ju
Dr. Thomas Tuschl, Professor, The Rockefeller University and Investigator, Howard Hughes Medical Institute
“RNA regulation and RNA diagnostics”

5:00 pm  Closing Remarks: Dr. Orlando Schärer

5:05 pm to 5:45 pm  Reception and Poster Session (two poster awards)
Theatre Lobby and Zodiac Gallery

5:45 pm to 6:00 pm  Announcement of Poster Awards: Dr. Orlando Schärer
Theatre Lobby

6:00 pm  DINNER
Chapel (by invitation only)