



Institute of Chemical Biology & Drug Discovery
“Frontiers of Infectious Disease Control”

.....
Thursday, October 10, 2019 ◆ **Charles B. Wang Center**
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Distinguished Speakers

Dr. Alita Miller, Bioscience, Entasis Therapeutics

Dr. Marvin Miller, Chemistry and Biochemistry, University of Notre Dame

Dr. Michal Olszewski, Internal Medicine, University of Michigan Medical School

Dr. John Perfect, Infectious Diseases, Duke University School of Medicine

Dr. Peter Smith, Infectious Disease, Genentech

Dr. Peter Tonge, Chemistry, Stony Brook University

Dr. Gerry Wright, Biochemistry and Biomedical Sciences, McMaster University

Poster Sessions ◆ **Poster Awards**

For more information, please visit
<http://ws.cc.stonybrook.edu/icbdd/>



Stony Brook
University

ICB&DD 13th Annual Symposium

Thursday, October 10, 2019

“Frontiers of Infectious Disease Control”

9:15 am to 9:30 am

Opening Remarks

Dr. Maurizio Del Poeta, Professor, and Chair, Symposium Organizing Committee
Dr. Iwao Ojima, Distinguished Professor and Director, Institute of Chemical Biology and Drug Discovery, Stony Brook University

9:30 am to 10:15 am

Dr. Gerry Wright, Professor, Biochemistry and Biomedical Sciences, McMaster University.
Director, Michael G. DeGroote Institute for Infectious Disease Research. Canada Research Chair in Antimicrobial Biochemistry
“Back to the Future: Revisiting Natural Products in Antibiotic Discovery”

10:15 am to 11:00 am

Dr. Peter Tonge, Professor and Chairman, Department of Chemistry, Stony Brook University
“Tyrosine-derived Nanoparticles (TyroSpheres) and their Medical Applications”

11:00 am to 11:45 am

Dr. Alita Miller, Head of Bioscience, Entasis Therapeutics
“A novel class of Gram-Negative PBP Inhibitors Discovered using Rational Design of Both Biochemical Potency and Bacterial Permeation”

11:45 am to 1:00 pm

Lunch and Poster Session

Chapel (*invited faculty only*) Zodiac Gallery (*students*)

1:00 pm to 1:45 pm

Dr. Marvin Miller, Professor Emeritus, Department of Chemistry and Biochemistry, University of Notre Dame
“Design, Syntheses and Studies of Antibiotics to Circumvent Bacterial Resistance”

1:45 pm to 2:30 pm

Dr. John Perfect James B. Duke Professor of Medicine. Chief, Division of Infectious Diseases, Duke University School of Medicine
“New Antifungal Agents and Strategies”

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

Dr. Michal Olszewski Associate Professor, Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine University of Michigan Medical School
“Cryptococcal Interactions with Pulmonary and CNS Host-Defenses: Implications for Immunotherapy”

4:15pm to 5:00pm

Dr. Peter Smith, Scientist, Department of Infectious Disease, Genentech
“Optimized Arylomycins are a New Class of Gram-Negative Antibiotic”

5:00 pm to 5:05pm

Closing Remarks: Dr. Maurizio Del Poeta

5:05 pm to 6:00pm

Reception and Poster Session (*three poster awards*)
Theatre Lobby and Zodiac Gallery

6:00 pm to 6:15 pm

Announcement of Poster Awards: Dr. Eszter Boros
Theatre Lobby

6:15 pm

DINNER, Chapel (*by invitation only*)