



Institute of Chemical Biology & Drug Discovery
*“Frontiers in Nanomedicine: Drug Delivery,
Therapeutics and Diagnosis”*

.....
Thursday, October 11, 2018 ◆ **Charles B. Wang Center**
.....

Distinguished Speakers

Dr. Mansoor Amiji, Northeastern University School of Pharmacy
Dr. Joachin Kohn, New Jersey Center for Biomaterials
Dr. Wenbin Lin, The University of Chicago, Chemistry
Dr. Balaji Sitharaman, Stony Brook University, Biomedical Engineering
Dr. James Tour, Rice University, Materials Science and Nano Engineering
Dr. Henry Hess, Columbia University, Biomedical Engineering
Dr. Stanislaus Wong, Stony Brook University, Chemistry,
Dr. Miqin Zhang, University of Washington, Materials Science and Engineering

Poster Sessions ◆ **Poster Awards**

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



ICB&DD 12th Annual Symposium

Thursday, October 11, 2018

“Frontiers of Nanomedicine: Drug Delivery, Therapeutics and Diagnosis”

9:15 am to 9:30 am

Opening Remarks

Dr. Stanislaus Wong Professor of Chemistry, 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. Miqin Zhang, Kyocera Professor, Department of Materials Science & Engineering, University of Washington.

“Biodegradable Nanotheranostic Nanoparticles for Targeted Gene Therapy”

10:15 am to 11:00 am

Dr. Joachim Kohn, Director, New Jersey Center for Biomaterials, Chair, International College of Fellows (ICF-BSE)

“Tyrosine-derived Nanoparticles (TyroSpheres) and their Medical Applications”

11:00 am to 11:45 pm

Dr. James Tour, T. T. and W. F. Chao Professor, Department of Chemistry, Department of Computer Science and Department of Materials Science and Nano Engineering. Rice University, Smalley-Curl Institute and the Nano Carbon Center.

“Carbon Nanoparticles as Bridges for Electron Transfer in Mitochondria”

11:45am to 12:15 pm

Dr. Balaji Sitharaman, Associate Professor, Department of Biomedical Engineering, Stony Brook University
Title TBD

12:15 pm to 1:15 pm

Lunch

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

1:15 pm to 2:00 pm

Dr. Wenbin Lin, James Franck Professor, Department of Chemistry, the University of Chicago

“Nanoscale Metal-Organic Frameworks for Cancer Therapy”

2:00 pm to 2:45 pm

Dr. Mansoor Amiji, Distinguished Professor, Department of Pharmaceutical Sciences, Northeastern University, School of Pharmacy, Northeastern University

“Integrated Nano-Medicine for Cancer and Inflammatory Diseases”

2:45 pm to 3:30 pm

Coffee Break and Student Poster Session

Theatre Lobby and Zodiac Gallery

3:30 pm to 4:15 pm

Dr. Stanislaus Wong, Professor, Department of Chemistry, Stony Brook University

“Functional Nanostructures in Biological and Biomedical Applications”

4:15pm to 5:00pm

Dr. Henry Hess, Professor and Editor-in-Chief, IEEE Transactions on Nanobioscience, Department of Biomedical Engineering, Columbia University.

“Engineering with Biomolecular Motors and Enzyme Cascades”

5:00 pm to 5:05pm

Closing Remarks: Dr. Stanislaus Wong

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:

Theatre Lobby

6:15 pm

DINNER, Chapel (*by invitation only*)