

First Annual Conference of the American Society for Nanomedicine

Bolger Center, Potomac, Maryland

Updated Program

Thursday - October 22, 2009

- 10-6 pm **Registration** (outside the auditorium in the Main Building)
- 1:00 pm **Welcome and Introduction:** Esther H. Chang, Georgetown U.
- 1:10 pm **Session 1**
Novel Nanomaterials and Their Biomedical Applications
Chairs: Marianna Foldvari, U. of Waterloo
 Kuan Wang, NIH
Speakers: Carl Dieffenbach, NIAID
 Marianna Foldvari, U. of Waterloo
 Eder L. Romero, U. Nacional de Quilmes
 Xiaojun Zhao, Sichuan U.
- 2:50 pm **Break**
- 3:10 pm **Keynote Lecture #1**
Introduction: Kuan Wang, NIH
Keynote Speaker: Kazunori Kataoka, U. of Tokyo
- 4:00 pm **Session 2**
Vision for Nanomedicine Advancement
Chair: Lajos P. Balogh, Nanomedicine: Nanotechnology, Biology and Medicine
Speakers: Susan Lee, Maryland House of Delegates
 Richard Fisher, NIH
 James Alexander Liddle, NIST
 Karen McCann, Northern Virginia Technology Council
 Linda Saffer, Maryland Technology Development Corporation
- 5:30 pm **Poster Viewing and Dinner**

Friday - October 23, 2009

- 8:40 am **Session 3**
Basic Science Advances Driving Innovation in Nanomedicine
Chairs: Wah Chiu, Baylor College of Medicine
 Kostas Kostarelos, U. of London

Speakers: Wah Chiu, Baylor College of Medicine
Kostas Kostarelos, U. of London
Dan Luo, Cornell U.
Michael Sheetz, Columbia U.
Michael Teitell, UCLA

10:20 am **Break**

10:40 am **Session 4**

Drug and Gene Delivery in Nanomedicine

Chairs: Alexander V. Kabanov, U. of Nebraska Medical Center
Dean Ho, Northwestern U.

Speakers: Mansoor Amiji, Northeastern U.
Raj Bawa, Bawa Biotech Consulting and Rensselaer Polytechnic Institute
Dean Ho, Northwestern U.
Alexander V. Kabanov, U. of Nebraska Medical Center

12:20 pm **Lunch and Poster Viewing**

1:40 pm **Session 5**

Diagnostics: Imaging and Biosensors

Chairs: James Tatum, NCI/NIH
Greg Lanza, Washington U.

Speakers: Kathleen Pirollo, Georgetown U.
Matthew Freedman, Georgetown U.
Cathy Galbraith, NIH
Greg Lanza, Washington U.
James Tatum, NCI/NIH

3:20 pm **Break**

3:35 pm **Session 6**

Update on the International Society for Nanomedicine (ISNM)

Esther Chang, American Society for Nanomedicine
Kazunori Kataoka, Asian Society for Nanomedicine
Beat Löffler, European Society for Nanomedicine

4:20 pm **Group Photo** (on the steps outside the auditorium)

4:40 pm **Break**

5:00 pm **Keynote Lecture #2:**

Introduction: Lajos Balogh, Nanomedicine: Nanotechnology, Biology and Medicine
Keynote Speaker: Vladimir Torchilin, Northeastern U.

5:45 pm **Dinner and Poster Viewing**

7:30 pm **ASNM Business meeting** (members and non-members all welcome)

Saturday - October 24, 2009

8:20 am **Session 7**

Nanomedicine for Neurological Disorders/Translation in Nanomedicine

Chairs: Rutledge Ellis-Behnke, U. of Hong Kong and MIT
Thomas Webster, Brown U.

Speakers: Rutledge Ellis-Behnke, U. of Hong Kong and MIT
Lance Kam, Columbia U.
Thomas Webster, Brown U.

Announcement of Poster Awards

10:00 am **Break**

10:20 am **Session 8 (Panel Discussion)**

Nanomedicine Inventions – Patents, Business and Commercialization

Chairs: Brian Del Buono, Sterne, Kessler, Goldstein & Fox
Raj Bawa, Bawa Biotech Consulting and Rensselaer Polytechnic Institute

Speakers: Raj Bawa, Bawa Biotech Consulting and Rensselaer Polytechnic Institute
Ricardo Carvajal, Hyman, Phelps & McNamara
Chris J. Katopis, Computing Technology Industry Association,
Jeffery P. Langer, Finnegan, Henderson, Farabow, Garrett & Dunner
Jeff Mills and Timothy J. Shea, Sterne, Kessler, Goldstein & Fox
Steve Rutt, Foley & Lardner
Misti Ushio, Harris & Harris Group

12:00 nn **Lunch**

1:20 pm **Keynote Lecture #3:**

Introduction: Esther H. Chang, Georgetown U.

Keynote Speaker: Douglas Lowy, National Cancer Institute, NIH

2:30 pm **Session 9**

Top 4 Poster Submissions from Young Investigators, Oral Presentations and Award Ceremony

Review Panel:

Raj Bawa (Chair), Bawa Biotech Consulting and Rensselaer Polytechnic Institute
Linda Saffer, Maryland Technology Development Corporation

Marianna Foldvai, U. of Waterloo

3:15 pm **Break**

3:40 pm **Session 10**

Nanomaterial Safety and Toxicology

Chairs: Lajos P. Balogh, Nanomedicine: Nanotechnology, Biology and Medicine

Speakers: Vicki Colvin, Rice U.

Rajiv Mohan, U. of Missouri-Columbia

Nancy Monteiro-Riviere, North Carolina State U.

Mark R. Wiesner, Duke U.

5:20 pm **Dinner**

Sunday - October 25, 2009

8:40 am **Session 11**

Nanomedicine as Prophylactic/Therapy

Chairs: Stephen Feinstone, FDA

Speakers: John Fulkerson, Aeras Global TB Vaccine Foundation

Julianna Lisziewicz, Genetic Immunity LLC

Marian Major, FDA

10:20 am **Break**

10:45 am **Session 12**

Clinical Applications of Nanomedicine

Chairs: Donald Tomalia, Central Michigan U.

Patrick Hunziker, U. Basel

Speakers: Patrick Hunziker, U. Basel

Varvara Karagkiozaki, Aristotle U. of Thessaloniki

H. Kobayashi, NIH

Patrick Lu, Sirnaomics

Donald Tomalia, Central Michigan U.

12:15 pm **Conference Adjourns**