

# 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**