

J: Plenary

SESSION J4: Plenary IV
Chair: Mary Cloninger
Tuesday Afternoon, June 28, 2011
Green Auditorium

* Invited paper

SESSION J1: Plenary I
Chair: Anil Patri
Monday Morning, June 27, 2011
Green Auditorium

8:30 AM
Debra Kaiser - Information

8:40 AM
Willie May - NIST Welcome

8:50 AM
Anil Patri - Conference Welcome

9:00 AM
Andrew Lovinger - Dendrimers at NSF

9:10 AM
Piotr Grodzinski - Nanotechnology at the NCI

9:20 AM ***J1.1**
Building Molecules to Image and Help Treat Cancer. E. S. Olson¹, T. A. Aguilera¹, T. Jiang¹, M. Whitney¹, J. L. Crisp¹, P. Steinbach¹, L. G. Ellies², Q. T. Nguyen³ and R. Y. Tsien¹; ¹HHMI and Department of Pharmacology, University of California-San Diego, La Jolla, California; ²HHMI and Department of Pathology, University of California-San Diego, La Jolla, California; ³HHMI and Department of Surgery, University of California-San Diego, La Jolla, California.

10:00 AM BREAK

SESSION J2: Plenary II
Chair: Eric Simanek
Monday Afternoon, June 27, 2011
Green Auditorium

3:20 PM ***J2.1**
Aqua Materials: Ultrahigh-Water-Content and Ultralow-Organic-Content Hydrogels by using Dendritic Molecular Binders. Takuzo Aida, ¹Department of Chemistry and Biotechnology, The University of Tokyo, Tokyo, Japan; ²RIKEN, Wako, Japan.

4:00 PM **RAPID FIRE - POSTER AUTHORS PRESENT**
A two-minute overview presentation.

SESSION J3: Plenary III
Chairs: Scott Grayson and Lars Piehler
Tuesday Morning, June 28, 2011
Green Auditorium

Funding Opportunities in Dendrimer Field from Different Government Agencies

8:30 AM
Sally Tinkle (NNI)

8:40 AM
Wendy Mills (ARO)

8:50 AM
Sri Nadadur (NIEHS)

9:00 AM
Debra Kaiser (NIST)

9:10 AM ***J3.1**
Bioinspired Synthesis of Complex Molecular Systems. Virgil Percec, Roy & Diana Vagelos Laboratory, Department of Chemistry, University of Pennsylvania, Philadelphia, Pennsylvania.

9:50 AM BREAK

3:20 PM ***J4.1**
Design and Properties of New Dendrimer Types. Jean Pierre Majoral^{1,2}, Cédric Rouxel³, Aurélien Hameau¹, Mireille Blanchard-Desce³, Anne-Marie Caminade¹, Nadia Katir^{1,2}, Abdelkrim El Kadib² and Mostapha Bousmina^{2,4}; ¹Laboratoire Chimie de Coordination, CNRS, Toulouse, France; ²Institute of Nanomaterials and Nanotechnology, (MAScIR), Rabat, Morocco; ³Chimie et Photonique (UMR 6510), CNRS, Rennes, France; ⁴Hassan II Academy of Science and Technology, Rabat, Morocco.

4:00 PM **RAPID FIRE - POSTER AUTHORS PRESENT**
A two-minute overview presentation.

SESSION J5: Plenary V
Chair: Anil Patri
Wednesday Morning, June 29, 2011
Green Auditorium

8:30 AM ***J5.1**
Nanotechnology for Cancer Approaches in the Clinic. James R. Baker, University of Michigan, Ann Arbor, Michigan.

9:10 AM ***J5.2**
Pathways through a Molecular Forest: One Person's Journey. George R. Newkome, Polymer Science, University of Akron, Akron, Ohio.

9:50 AM BREAK

SESSION J6: Plenary VI
Chair: Mark Grinstaff
Thursday Morning, June 30, 2011
Green Auditorium

9:00 AM ***J6.1**
Pushing Divergent Synthesis to the Limits: Synthesis of the Largest Molecule with Defined Structure. A. Dieter Schlueter, Baozhong Zhang and Hao Yu; Department of Materials, ETH Zurich, Zurich, Switzerland.

SESSION J7: Plenary VII and Award Ceremony
Chair: S. Thayumanavan
Friday Morning, July 1, 2011
Green Auditorium

11:00 AM ***J7.1**
Dendrons and Dendrimers: Window to a New Systematic Framework for Unifying and Defining Nanoscience. Donald A. Tomalia, National Dendrimer & Nanotechnology Center, NanoSynthons LLC, Midland, Michigan.

11:40 AM Award Ceremony and Closing Session

11:55 AM S. Thai Thayumanavan - Closing Statement