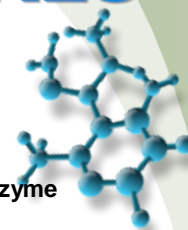


6th INTERNATIONAL SYMPOSIUM STIMULI-RESPONSIVE MATERIALS

October 26 – 27, 2010, Hattiesburg, USA



PLENARY SPEAKERS

Molecular Design for Functional Thermo-Responsive Polymers and Their Biomedical Application

Prof. Takao Aoyagi

National Institute for Materials Science, Japan

Designing Synthetic Cilia Using Self-Oscillating Polymer Gels

Dr. Pratyush Dayal/Prof. Anna Balazs

University of Pittsburgh, USA

Molecular Wear in Active Nanosystems

Prof. Henry Hess

Columbia University, USA

Construction of Targeted siRNA-Polymer Polyplexes and Their Delivery to Cancer Cells with Subsequent Specific Gene Down-Regulation

Prof. Faqing Huang

The University of Southern Mississippi, USA

New Generation of Macromolecular Therapeutics Inspired by Coiled-Coil Recognition in Smart Biomaterials

Prof. Henry Kopecek

University of Utah, USA

Controlled Synthesis of Functional Smart Materials

Prof. Dirk Kuckling

University of Paderborn, Germany

Brain Tumor Growth Inhibition by Intravenous Poly(β -L-malic) Acid Nanobioconjugate with pH-Dependent Drug Release

Prof. Julia Ljubimova

Cedars-Sinai Medical Center, USA

Hydrophilic Grafted Layer with Tunable Strength and the Range of Hydrophobic Interactions

Prof. Igor Luzinov

Clemson University, USA

Stimuli-Responsive Hydrogel Films and Particulates

Prof. Sergiy Minko

Clarkson University, USA

pH Sensitive Microcapsule Whose Membrane Undergoing Volume Phase Transition

Prof. Takayuki Narita

Saga University, Japan

Poly(n-Isopropyl Acrylamide) as a Bioadhesive

Prof. Buddy Ratner

University of Washington, USA

Characterization and Understanding of Enzyme Modified Polymer Thin Films

Prof. James Rawlins

The University of Southern Mississippi, USA

Responsive Micelles, Vesicles and Organogels from Polypeptide-containing Block Copolymers

Prof. Daniel Savin

The University of Southern Mississippi, USA

Stimuli-Responsive Block Copolymer Bioconjugates

Prof. Brent Sumerlin

South Methodist University, USA

Stimuli Responsive Block Copolymers and Materials from Ionic Liquid Reactive Surfactants

Prof. John Texter

Eastern Michigan University, USA

From Reactive Polymers to Stimuli-Responsive Polymers, Materials and Surfaces

Prof. Patrick Theato

University of Mainz, Germany

Smart Layer-by-layer Assemblies Based on Selectively Modified Polysaccharides for Biomedical Applications

Prof. Rachel Auzély-Velty

University of Joseph Fourier, France

Stimuli-Responsive Nanomaterials through Integration of Functional Organic Dyes into Nanostructured Environments

Prof. Christoph Weder

University of Freiberg, Switzerland

Photogenerated Responsive Polymer Thin Films

Prof. Mingdi Yan

Portland State University, USA

Self-Oscillating Polymers and Gels as Novel Biomimetic Materials

Prof. Ryo Yoshida

University of Tokyo, Japan

Smart Polymers and Biomacromolecular Legos: From Sensing Applications to Functional Protein Scaffolds

Prof. Stefan Zauscher

Duke University, USA

Responsive Conjugated Polymer/Carbon Nanotube Composites

Prof. Lei Zhai

University of Central Florida, USA

ATTENTION POSTER PRESENTERS:

AN AWARD WILL BE GIVEN TO THE BEST POSTER ALONG WITH A ONE-YEAR FREE SUBSCRIPTION TO THE RSC JOURNAL POLYMER CHEMISTRY, THE AWARD SPONSOR.

Symposium Chair: Prof. Marek W. Urban, marek.urban@usm.edu

Symposium Coordinator: Allena Moses, allena.moses@usm.edu

Ph: 601-266-6868 Fax: 601-266-4216

For more information or to register on line, visit www.stimuliresponsivematerials.org