

Friday, September 16, 2016; **Location:** Turner Auditorium, Johns Hopkins School of Medicine

8:00-8:15 am Registration		
Session I (Discussion Leaders: XXXX)		
8:15 am	Introductory Remarks	
8:30 am	Sung Wan Kim	Opening Keynote: Polymers Designed for Stem Cells and Relaxin® Delivery to Treat Myocardial Infarct
9:10 am	Mark Prausnitz	Breaking into Cells: Intracellular Delivery Using Acoustic Cavitation, Laser-Activated Nanoparticles and Microfabricated Nanoneedles
9:40 am	Liangfang Zhang	Cell Membrane-Coated Nanoparticles as a Biomimetic Drug Delivery System
10:10 am	Group Photo/Intermission and Exhibition (30 min)	
10:40 am	Denis Wirtz	Cancer Cell Migration in 3D
11:10 am	Melody Swartz	TBD
11:40 am	David Mooney	Material-Based Immunotherapy
12:10 pm-1:20 pm Lunch Break and Exhibition		
Session II (Discussion Leaders: XXXX)		
1:20 pm	Sangeeta Bhatia	Keynote Lecture: Protease-Activated Nano Sensors as Synthetic Biomarkers of Disease
2:00 pm	Jianjun Cheng	Selective <i>In Vivo</i> Cell Labeling Mediated Cancer Targeting and Drug Delivery
2:30 pm	Tejal Desai	Nanoporous Thin Films for Biologic Delivery and Cell-Based Therapy
3:00 pm	Intermission and Exhibition (30 min)	
3:30 pm	Paula Hammond	Nanolayered Particles for Synergistic Combination Therapies
4:00 pm	Kwangmeyung Kim	The potential tumor targeting efficiency of glycol chitosan nanoparticles in heterogeneous tumor models
4:30 pm	Dennis Discher	Macrophage recognition of 'Self' for Nano- and Micro- applications against solid Tumors
5:00-7:00pm Exhibition and Poster Session (judging)/Happy hour (drinks)		
7:00pm Dinner for Invited Speakers, Discussion Leaders, and other invited attendees		

Saturday, September 17, 2016; **Location:** Turner Auditorium, Johns Hopkins School of Medicine

8:00-8:30am Registration		
Session III (Discussion Leaders: XXXX)		
8:30 am	Samir Mitragotri	Keynote Lecture: Bio-inspired and Bio-mimetic Systems for Drug Delivery
9:10 am	Qiaobing Xu	Efficient Delivery of Genome-Editing Proteins Using Bioreducible Lipid Nanoparticles
9:40 am	Greg Lanza	Anti-angiogenic Nanotherapy Inhibits Airway Remodeling and Hyper-responsiveness of Dust Mite Triggered Asthma in the Brown Norway Rat
10:10 am	Intermission and Exhibition (30 min)	
10:40 am	Henry Kopecek	Design of Smart Polymeric Nanomedicines
11:10 am	Shuming Nie	Engineering Smart Nanostructures for Targeting the Acidic Tumor Microenvironments
11:40 am	Robert Prud'homme	A New Process for Encapsulation and Delivery of Soluble Drugs, Peptides, and Biologics at High Loading and High Encapsulation Efficiency: Beyond Traditional W/O/W Emulsions
12:10 pm-1:20 pm Lunch Break and Exhibition		
Session IV (Discussion Leaders: XXXX)		
1:20 pm	Alexander Kabanov	Special Lecture: Nano-sized Polyion Complexes, Cells and Exosomes for Delivery of Polypeptides to the Brain
2:00 pm	Yoon Yeo	Nanoparticles for EPR-Independent Drug Delivery
2:30 pm	Hamid Ghandehari	Matrix-Mediated Delivery of Bioactive Agents with Silk-Elastinlike Block Copolymers
3:00 pm	Intermission and Exhibition (30 min)	
3:30 pm	Ick Chan Kwon	Gas Generating Nanoparticles for Theragnosis
4:00 pm	Maria Jose Alonso	Braking Walls: Advances in Intracellular Protein Delivery
4:30 pm	Zhuang Liu	Nanotechnology for Enhanced Cancer Radiation Therapy and Immunotherapy
5:00 pm	Richard Price	MR Image-Guided Nanoparticle Delivery with Focused Ultrasound
5:30-7:30 pm Exhibition and Poster Session (Judging) /Happy hour (drinks and hors d'oeuvres)		

Sunday, September 18, 2016; **Location:** Turner Auditorium, Johns Hopkins School of Medicine

8:00-8:30am Registration		
Session V (Discussion Leaders: XXXX)		
8:00 am	Poster Awards	Rapid Fire Presentations
8:40 am	Shawn Chen	A Versatile Nanoplatfrom for Systemic Delivery of RNAs
9:10 am	Mark Grinstaff	Expansile Nanoparticles for the Treatment of Intraperitoneal Mesothelioma
9:40 am	Debra Auguste	Engineering Targeted Therapeutics for Breast Cancer
10:10 am	Intermission and Exhibition (20 min)	
10:30 am	Jinming Gao	STAMINA Nanoparticle Vaccine for T Cell Therapy of Cancer
11:00 am	Christopher M. Jewell	Harnessing biomaterials to study and engineer lymph node function
11:30 am	W. Mark Saltzman	Closing Keynote: Polymer Nanoparticles for Drug Delivery, Gene Editing, and Cell Targeting
12:10 pm Closing Remarks and Adjourn		