

Program At-a-Glance

PGSRM 2009

Purdue University, June 25-27, 2009



Thursday, June 25

03:00PM – 10:00PM	Hotel Check-In
04:00PM – 08:00PM	Registration and Welcome Desk at Stewart Center (STEW) East Foyer
06:00PM – 07:00PM	Opening Reception at Purdue Memorial Union (PMU) North Ballroom
07:00PM – 08:30PM	Welcome Dinner at PMU North Ballroom
07:00PM – 07:20PM	Opening Remarks by Dr. Eric Barker
08:30PM – 09:15PM	Ice Breakers

Friday, June 26

08:00AM – 09:00AM	Breakfast at PMU North Ballroom
08:15AM – 08:50AM	Interactive Breakfast Presentation by Dr. Carl Wassgren: <i>"An Overview of Recent Pharmaceutical Engineering Academic Programs"</i>
09:00AM – 09:20AM	PD-1 (STEW 202): <i>Sustained Release Depot Formulation of Curcumin: A Novel Approach to Chemoprevention</i> PD-2 (STEW 206): <i>Synthesis and In Vitro Evaluation of Fatty Acyl Chitosan Derivatives for Gene Delivery</i>
09:20AM – 09:55AM	Featured Speakers: Dr. Tamara Minko (STEW 202): <i>Nanotechnology Strategies To Overcome Limitations In Drug Delivery: Opportunities And Challenges</i> Mr. Edward Kerns (STEW 206): <i>Applying Physicochemical and Metabolic Principles for Compound Optimization in Drug Discovery</i>
09:55AM – 10:15AM	PD-3 (STEW 202): <i>Nanomaterials-Cell Interactions: The Role of Caveolae Mediated Endocytosis in Trafficking of Cross-Linked Polymer Micelles in Normal and Cancer Cells</i> PD-4 (STEW 206): <i>Cytokine Profiling Of Healing Wounds in Swine Treated with a Semi-Interpenetrating Network as a Wound Treatment and Drug Delivery Matrix</i>
10:15AM – 11:00AM	Poster Session I (STEW 302-306)
11:00AM – 11:20AM	PD-5 (STEW 202): <i>Hydrotropic Solubilization of Poorly Water-Soluble Drugs</i> PD-6 (STEW 206): <i>Dissolution Behavior of Amorphous Pharmaceuticals in the Presence and Absence of Polymers</i>
11:20AM – 11:40AM	PD-7 (STEW 202): <i>Novel Orally Active Multi-Functional Antioxidants Delay Radiation-Induced Cataract Formation</i> PD-8 (STEW 206): <i>Mechanical Properties of the Cellulose li-Sio₂ Composite: A Novel Multi-Functional Excipient for Tableting</i>

11:45AM – 01:00PM	Lunch at the Memorial Mall (Outdoor Lawn Area - West of Stewart Center)
01:10PM – 01:30PM	PD-9 (STEW 202): <i>Small Interfering RNA Mediated Gene Silencing of Cd40 for Islet Transplantation</i> PD-10 (STEW 206): <i>Effect of Chiral Impurity on Crystal Form</i>
01:30PM – 01:50PM	PD-11 (STEW 202): <i>In-Situ Crosslinkable, Mussel Adhesive Protein-Inspired Chitosan Hydrogel for Soft Tissue Engineering</i> PD-12 (STEW 206): <i>Probing Residue Specific Interactions in the Stabilization of Proteins Using High-Resolution NMR: A Study of Disulfide Bond Compensation</i>
01:50PM – 02:25PM	Featured Speakers: Dr. Andrew Vick (STEW 202): <i>Engineering Better Medicines: New Approaches to Biotherapeutics</i> Dr. Stephen Byrn (STEW 206): <i>Accelerating Proof of Concept Using Solid State Chemistry</i>
02:25PM – 02:45PM	PD-13 (STEW 202): <i>A Pharmacokinetic Strategy to Increase the Efficacy of Intraperitoneal Chemotherapy</i> PD-14 (STEW 206): <i>Selective Formation of Acid-Pyridine Catemer Motif in 2-Anilinonicotinic Acids</i>
02:45PM – 03:05PM	PD-15 (STEW 202): <i>Pharmacokinetic and Pharmacodynamic Modeling of Recombinant Human Erythropoietin Following Multiple Dosing in Normal Rats</i> PD-16 (STEW 206): <i>Mesophases in the Sodium Deoxycholate / Water Binary System – The Detection and Characterization of Liquid Crystals</i>
03:05PM – 03:25PM	PD-17 (STEW 202): <i>Biotinylated Chitosan Applications in Gene Delivery</i> PD-18 (STEW 206): <i>Development and Assessment of Cellulose:Chitosan Composite Based Hollow Tubes as a Potential Vascular Graft</i>
03:30PM – 04:15PM	Poster Session II (STEW 302-306)
04:30PM – 06:00PM	Transportation to the Shively Club at the Ross-Ade Stadium Pavilion (Pick-up location: STEW West Doors – towards Memorial Mall)
05:00PM – 06:00PM	Reception at Shively Club
06:00PM – 08:00PM	Conference Banquet at Shively Club
07:00PM – 07:45PM	Keynote Address by Dr. Alton Johnson
07:45PM – 08:15PM	Awards Presentation and Concluding Remarks
08:15PM – 09:00PM	Transportation from Shively Club to PMU
09:00PM – 12:00AM	Networking and Social Events at Harry's Chocolate Shop and PMU Recreation Center

Saturday, June 27

08:00AM – 10:00AM	Breakfast at the PMU South Ballroom
08:30AM – 09:00AM	Business Meeting at STEW 314
09:30AM – 10:15AM	Scientific Career Panel with Drs. Frank Brown and John Nine (PMU South Ballroom)
10:30AM – 12:00PM	Check-Out