

Fall Research Symposium Schedule

Friday, September 11, 2009

Time	Session 1a Nobel Hall of Science - Room 105	Session 1b Nobel Hall of Science - Room 201
2:30	<i>Effect of ISCU Mutations on Protein Interaction and Iron-sulfur Cluster Assembly in Vitro and in Vivo</i> Katie Lindstrand	<i>Separation and Detection of Desmosine in Human Urine using Two-Dimensional Heart-Cutting High Performance Liquid Chromatography</i> Jason Shultz
2:45	<i>Unfolding Studies of Myohemerythrin from Phascolopsis gouldii</i> Alysha Dicke	<i>The Kinetics of the Diels-Alder Reaction with Maleate Derivatives and Furan Derivatives</i> Nina Serratore
3:00	<i>The Effect of Straight Chain Amino Acid Derivatives on γ-Glutamylcysteinylase Activity and Function</i> Benjamin Johnson-Tesch	<i>Gene Regulation of MPII</i> Krishan Jethwa
3:15	<i>Synthesis of Biologically Active Molecules via 1,5-Electrocyclization</i> Audrey Messelt	<i>Black carbon in Lake Superior dissolved organic matter</i> Scott Simpkins
Time	Poster Session and Reception in Nobel Lobby/Atrium	
3:30 until 4:00	<i>Allosteric Behavior of Monomeric gamma-GCL in the Presence of Non-substrate Analogues</i> Chelsea Koepsell <i>Multi-Dimensional High Performance Liquid Chromatography for Trace Analysis in Complex Matrices</i> Steve Groskreutz <i>School vs. Sack Lunches: Health Risk Indicator and Diet Variance in Project Healthy Schools' Students</i> Cyndi A. Smith	<i>Photolysis of Imazethapyr on the Cuticle Wax of Corn (Hyb jubilee) and Soybeans (Soya hispida)</i> Spencer Bonnerup <i>Opposing Effects of Heparin-Degrading Endosulfatases (SULF1 and SULF2) on Growth Signaling in Liver Cancer</i> Kendra Kesty and Becky Dove
Session 2a Nobel Hall of Science - Room 105		Session 2b Nobel Hall of Science - Room 201
4:00	<i>The Effect of non-substrate analogs on cell growth, the glutathione production in a mouse macrophage cell line.</i> Chelsea Koepsell and Siu On Auyeung	<i>Population Genetics of Monkfish (Lophius americanus) in the Northeastern U.S.</i> Rose Follis
4:15	<i>New approach to discovering drug-to-protein interactions for pharmaceuticals</i> Kristen Jahr	<i>Phenytoin Inhibits Lymphoid and Macrophage Cell Growth</i> Jeff Rossow Cancelled due to illness <i>Ultrasonic Excitation of Cantilevers</i> Bryce Bjork
4:30	<i>Intramolecular Diels-Alder Reactions Using Substituted 2-Silyloxyfurans</i> Noah Setterholm	<i>Coriell Cell Line Mutation and Methylation Population Study</i> Jessica Moertel
4:45	<i>Identification of a DNA binding protein By Electrophoretic Mobility Shift Assay</i> Xiao Xiu	