



**The University of Toledo  
College of Pharmacy  
Seminar Series for Medicinal & Biological Chemistry  
Spring Semester Schedule, 2007**

January 11	<b>No Seminar</b>
January 18	<b>No Seminar</b>
January 25	<b>Cancelled</b>
February 1	<b>Alan Pinkerton, Ph.D.</b> Professor and Chair Department of Chemistry, College of Arts and Sciences The University of Toledo <b>"From Molecular Structure to Thermodynamics - Modern Applications of X-ray Crystallography"</b>
February 8	<b>Channing Hinman, Ph.D.</b> Associate Professor Medicinal and Biological Chemistry The University of Toledo, College of Pharmacy <b>"Anti-cancer Applications of a Cobra Venom Derivative"</b>
February 15	<b>Pooja Jain - Graduate Student</b> The University of Toledo, Medicinal and Biological Chemistry Dr. James Slama - Mentor <b>"Preparation and Use of Stable NAD Analogues to Study the CADPR and NAADP Mediated Calcium Process"</b>

February 22	<p><b>Steve Sucheck, Ph.D.</b>  Assistant Professor  Chemistry  The University of Toledo, College of Arts and Sciences  <b>"Synthetic Investigations of the Role of Carbohydrates in Natural Products"</b></p>
March 1	<p><b>Aditya Maheshwari - Graduate Student</b>  The University of Toledo, Medicinal and Biological Chemistry  Dr. William Messer - Mentor  <b>"Development of Muscarinic Agonists for the Treatment of Schizophrenia"</b></p>
March 8	<p><b>Spring Break</b></p>
March 15	<p><b>Sandrine V. Pierre, Ph.D.</b>  Assistant Professor  Physiology, Pharmacology, Metabolism and Cardiovascular Sciences  The University of Toledo, College of Medicine  <b>"Signaling Through the Cardiac Digitalis Receptor: When, How, and What For?"</b></p>
March 22	<p><b>Mark P. Foster, Ph.D.</b>  Associate Professor  Department of Biochemistry  The Ohio State University  <b>"Structure, Dynamics and Thermodynamics of Ligand-Mediated Allosteric Gene Regulation"</b></p>
March 29	<p><b>Akira Takashima, M.D., Ph.D.</b>  Professor and Chairman  Medical Microbiology and Immunology  The University of Toledo, College of Medicine  <b>"Dendritic Cell Biosensor as an Assay Platform for the Discovery of New Immunotherapeutic Drugs"</b></p>
April 3	<p><b>Ferenc Fulop, Ph.D.</b>  Dean and Professor  University of Szeged  Institute of Pharmaceutical Science</p>

	<b>"Play Lego with Cyclic Beta-Amino Acids:Construct Flamers and Educational Activities at Faculty of Pharmacy, University of Szeged-PhD Programs"</b>
April 5	<b>Manohar Ratnam, Ph.D.</b> Professor and Director of the Cancer Center Biochemistry and Cancer Biology The University of Toledo, College of Medicine <b>"A New Mechanism of Androgen Receptor Action: Implications in Androgen-independent Prostate Cancer"</b>
April 12	<b>Jack Jiang, Ph.D.</b> Vice President Ricerca Biosciences, LLC <b>"Drug Discovery - the Origin of New Chemical Entity Pharmaceuticals"</b>
April 19	<b>Mukund S. Chorghade, Ph.D.</b> President Chorghade Enterprises <b>"Fascinating Adventures in Industrial Chemistry"</b>
April 26	<b>Lisa Ficke - Graduate Student</b> The University of Toledo, Medicinal and Biological Chemistry Dr. Hermann von Grafenstein - Mentor <b>"Role of TLR4 Accessory Proteins CD14 and MD-2 in the Combinatorial Recognition of Pathogens"</b>

Seminars are **Thursday, 12:00 p.m., Bowman Oddy Laboratories 2850.**  
Inquiries can be made of Dr. Marcia McInerney (Tel: 419-530-1981; email: Marcia.McInerney@utoledo.edu).