



**The University of Toledo
College of Pharmacy
Seminar Series for Medicinal & Biological Chemistry
Spring Semester Schedule, 2003**

January 23	<p>Richard Komuniecki, Ph.D. Professor, Dept. of Biological Sciences, University of Toledo</p> <p>"Biogenic Amine Receptors and Ca⁺⁺ Signalling Complexes in Nematodes"</p>
January 30	<p>Ulrich Boesl-von Grafenstein, Ph.D., Professor, Institute of Physical Chemistry Technical University of Munich, Germany</p> <p>"Laser Excitation and Time-of-flight Mass Spectrometry: Applications in Chemical Analysis"</p>
February 6	<p>Carol Fierke, Ph.D. Professor, Depts. of Biological Chemistry and Chemistry, University of Michigan</p> <p>"Mechanism and Structure of Medically Important Zinc Metalloenzymes"</p>
February 13	<p>Bianca Conti-Fine, M.D. Professor, Depts. of Biochemistry, Molecular Biology & Biophysics, and Pharmacology, University of Minnesota</p> <p>"T Cell Response to Factor VIII in Human and Mouse Hemophilia A"</p>
February 20	<p>Channing Hinman, Ph.D. Associate Professor, Dept. of Medicinal & Biological Chemistry, University of Toledo</p> <p>"Changes in Gene Expression Induced by dsRNA or Ricin"</p>
February 27	<p>James R. Baker, Jr., M.D. Ruth Dow Doan Professor of Biologic Nanotechnology and Professor of Medicine, University of Michigan</p>

	"Nanomolecular Therapeutics"
March 6	<p>Keith Krolick, Ph.D.</p> <p>Professor, Dept. of Microbiology, University of Texas Health Science Center at San Antonio</p> <p>"Immunopathological Course of an Autoimmune Disease Determined by the Production of Immunologically Relevant Factors by the Target Tissue"</p>
March 20	<p>Paul Erhardt, Ph.D.</p> <p>Director, Center for Drug Design & Development, University of Toledo</p> <p>"Chemical Fingerprinting of Natural Matrices Having Anticancer Properties"</p>
March 27	<p>Zhongwu Guo, Ph.D.</p> <p>Assistant Professor, Department of Chemistry Case Western Reserve University</p> <p>"Chemical Synthesis of Complex Glycoconjugates and Carbohydrate-based Cancer Vaccines"</p>
April 3	<p>Robert Brueggemeier, Ph.D.</p> <p>Chair, Medicinal Chemistry Dept, College of Pharmacy Ohio State University</p> <p>"Molecular Diversity of Benzopyranones for Molecular Targets in Breast Cancer"</p>
April 10	<p>Robert Vince, Ph.D.</p> <p>Professor Medicinal Chemistry and Director Center for Drug Design, Academic Health Center, University of Minnesota</p> <p>"Design of Carbocyclic Nucleosides for the Treatment of AIDS"</p>
April 17	<p>Aloke Dutta, Ph.D.</p> <p>Associate Professor, Medicinal Chemistry Department of Pharmaceutical Science, College of Pharmacy Wayne State University</p> <p>"Modulation of Dopaminergic Activity in the Central Nervous System by Novel Molecules"</p>
May 1	<p>Eric Gifford, Ph.D.</p> <p>Senior Scientist, Computational ADMET Pfizer Global RCD, Ann Arbor Labs</p>

"Computational ADMET in the Drug Discovery Process"

Seminars are Thursday, 12:00 p.m., Bowman Oddy Laboratories 2850. Any inquiries can be made of Dr. Katherine Wall (x1943) or Dr. Paul Erhardt (x2167).