

*Organizing Committee:*

Michael H. Nantz  
James L. Wittliff  
Mitzie Wittliff

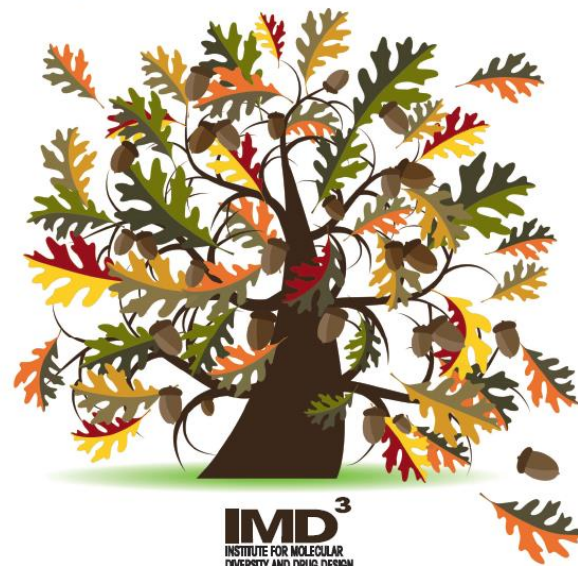
[www.louisville.edu/imd3](http://www.louisville.edu/imd3)



You'd scarce expect one of my age  
To speak in public on the stage;  
And if I chance to fall below  
Demosthenes or Cicero,  
Don't view me with a critic's eye,  
But pass my imperfections by.  
Large streams from little fountains flow,  
Tall oaks from little acorns grow.

*David Everett (1769 – 1813)*

**Harvesting Scientific Research  
at the University of Louisville**



**IMD<sup>3</sup>**  
INSTITUTE FOR MOLECULAR  
DIVERSITY AND DRUG DESIGN

**Fall Fest**

Friday, November 8, 2013

8:00 AM – 1:30 PM

Mary Bingham Room

The University Club

Event Schedule:

8:00 AM	Registration & Coffee	10:20 – 10:40 AM	Coffee Break
8:30 – 8:40 AM	Welcome – Michael H. Nantz & James L. Wittliff		
8:40 – 9:00 AM	<b>Sabastien Laulhe</b> Reagent Design for Multiplexed GC-MS Analysis: Controlling Fragmentation, Derivatization, and Elution <i>Department of Chemistry</i> <i>Mentor: Michael H. Nantz, Ph.D.</i>	10:40 – 11:00 AM	<b>Lori M. Millner</b> A Highly Sensitive and Specific Method for Characterization of Circulating Tumor Cell Subtypes in Breast Cancer Patients <i>Department of Pathology &amp; Laboratory Medicine</i> <i>Mentor: Mark W. Linder, Ph.D. &amp; Roland Valdes, Jr., Ph.D.</i>
9:00 – 9:20 AM	<b>Deepika Malhotra</b> Rational Phosphorous Ligand Design in Gold Catalysis <i>Department of Chemistry</i> <i>Mentor: Gerald B. Hammond, Ph.D.</i>	11:00 – 11:20 AM	<b>Manish Kumar</b> Understanding Gold Decay Mechanism and Improving Efficiency of Gold Catalysis through Rational Choice Additives <i>Department of Chemistry</i> <i>Mentor: G. B. Hammond, Ph.D.</i>
9:20 – 9:40 AM	<b>Trevor J. Pitcher</b> Antiarrhythmic Drugs Reverse Bath Salts Induced Tachycardia In Vivo <i>Department of Pathology &amp; Laboratory Medicine</i> <i>Mentor: Saeed Jortani, Ph.D.</i>	11:20 – 11:40 AM	<b>Sarah Milliner</b> Investigation of Sodium Cholate Primary and Secondary Micelles as Potential Drug Delivery Vehicles <i>Department of Chemistry</i> <i>Mentor: M.C. Yappert, Ph.D.</i>
9:40 – 10:00 AM	<b>Ralph J. Knipp</b> Magnetic Field-Induced Cyclizations of Amino-Esters and – Carbonates Bound to Iron Oxide Nanoparticles <i>Department of Chemistry</i> <i>Mentor: Michael H.Nantz, Ph.D.</i>	11:40 – 12:00	<b>Parag P. Shah</b> Biochemical Determinants of Anti-apoptotic Function and Stability of BCL2L10/BCLb <i>Department of Medicine</i> <i>Mentor: Levi J. Beverly, Ph.D.</i>
10:00 – 10:20 AM	<b>Sarah A. Andres</b> Gender-Associated Expression of Tumor Markers and a Small Gene Set in Breast Carcinoma <i>Department of Biochemistry &amp; Molecular Biology</i> <i>Mentor: James L. Wittliff, Ph.D.</i>	12:00	Closing Remarks followed by Lunch

