

Organizing Committee:

Michael H. Nantz

James L. Wittliff

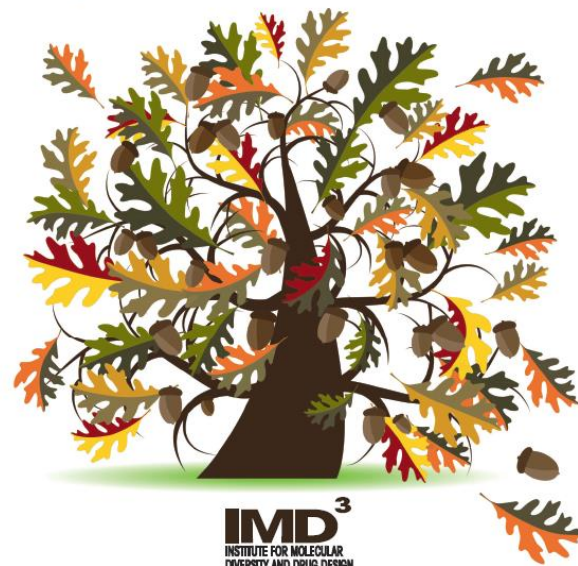
Sarah A. Andres

Mitzie Wittliff

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



IMD³
INSTITUTE FOR MOLECULAR
DIVERSITY AND DRUG DESIGN
Fall Fest

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)

Tuesday, November 10, 2015

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 & Informal Discussion
8:30 – 8:40 AM	Welcome – Michael H. Nantz & James L. Wittliff Session Chair - Sarah A. Andres, Brown Cancer Center		
8:40 – 9:00 AM	Shengzong Liang Application of Nanogold Supports as a Routine Benchtop Catalyst for the Synthetic Laboratory <i>Department of Chemistry</i> <i>Mentor: G. B. Hammond, Ph.D</i>	10:40 – 11:00 AM	Michael W. Daniels Predicting Breast Cancer Recurrence using Expression of Genes for Protein Hormones & Their Receptors <i>Departments of Biochemistry & Biostatistics</i> <i>Mentor: James L. Wittliff, Ph.D. & Guy Brock, Ph.D</i>
9:00 – 9:20 AM	Zimple D. Kurlawala Understanding the Role of UBQLN1 in Lung Cancer <i>Department of Pharmacology & Toxicology</i> <i>Mentor: Levi Beverly, Ph.D.</i>	11:00 – 11:20 AM	Kelly Njnine Mouapi Characterizing Reactive Glutamines in Fibrinogen α C 223-425 using MALDI TOF Mass Spectrometry and 2D ^{15}N - ^1H HSQC NMR <i>Department of Chemistry</i> <i>Mentor: Muriel Maurer, Ph.D.</i>
9:20 – 9:40 AM	Sadakatali Gori Analysis of Thiol Metabolites Using Chemoselective Techniques <i>Department of Chemistry</i> <i>Mentor: Michael H. Nance, Ph.D.</i>	11:20 – 11:40 AM	James P. Collard Examining the Effects of Loss and Reintroduction of UBQLN1 in Lung Cancer Cells <i>Department of Pharmacology & Toxicology</i> <i>Mentor: Levi Beverly, Ph.D.</i>
9:40 – 10:00 AM	Melissa A. Metzler A Systems Biology Approach Identifies a Regulatory Network in Parotid Acinar Cell Terminal Differentiation” <i>Department of Biochemistry & Molecular Genetics</i> <i>Mentor: Douglas S. Darling, Ph.D.</i>	11:40 – 12:00	Zhichao Lu Understanding Organo-Enamine Catalysis Mechanisms & Improving Catalysis Efficiency Through Rational Design <i>Department of Chemistry</i> <i>Mentor: G. B. Hammond, Ph.D.</i>
10:00 – 10:20 AM	Ramya Billur Ligand Binding to Anion Binding Exosites as Prothrombin is Converted to Active Thrombin <i>Department of Chemistry</i> <i>Mentor: Muriel Maurer, Ph.D.</i>	12:00	Closing Remarks followed by Lunch

