

BINDLEY-WATERS OMICS SYMPOSIUM



- 10-10-10: Opening remarks, *Uma Aryal, Bindley Bioscience Center*
- 10:10-10:50: Cyclic Ion Mobility technology, *Shannon Raab, Dept of Chemistry, Indiana University*
- 10:50 -11:40 Full Spectrum Molecular Imaging with MALDI, DESI, and Ion Mobility, *Anthony Midey, Waters Corporation*
- 11:40-12:00: Break
- 12:00-12:20: Integrative proteomic and lipidomic approaches to evaluate biological interaction of the nanoparticle corona *Lisa Kobos, School of Health Sciences, Purdue University*
- 12:20-12:40: Diet induced obesity influences the proteome of liver tissue and intestinal cytoplasmic lipid droplets in response to dietary fat *Alyssa Zembrowski, Dept. of Nutrition Science, Purdue University*
- 12:40-1:00: Effect of maternal prepregnancy obesity in pups intestinal proteome and blood lipidome, *Aridany Suarez-Trujillo, Dept. of Animal Sciences, Purdue University*
- 1:00-1:50: Accelerated Reactions, High Throughput Screening and Intraoperative Tissue Diagnostics". *R. Graham Cooks, Dept of Chemistry, Purdue University*
- 1:50-2:00- Closing remarks, *Uma Aryal, Bindley Bioscience Center*