

Americas Events



Applied Technologies Seminar

Access a World of Solutions for Your Environmental and OMICS Challenges

Attend this free, educational seminar to learn how innovative applications and powerful, robust, and easy-to-use technologies can help you increase lab productivity and improve your bottom line. This event will give you the opportunity to network with colleagues, ask our experts questions about your analytical challenges, and learn how we can support you now and in the future.

Date and location:

Tuesday, May 21, 2019
Burton D. Morgan Center for Entrepreneurship (MRGN)
Purdue University
1201 W State Street
West Lafayette, IN 47906

Registration: Required and limited (75)

To register e-mail drew.smillie@thermofisher.com

Agenda

Time	Topic	Speaker	
7:45 AM	Registration & Continental Breakfast		MRGN 121
8:30 AM	General Welcome		
9:00 AM	Keynote Speaker: Proteomic Techniques and Workflows for Quantitation, Post-Translation Modifications and Protein Complex Profiling	Dr. Uma Aryal Purdue Proteomics Facility Director	
9:45 AM	Coffee Break		
TRACK 1 Environmental Analysis Session			
			MRGN 129
10:00 AM	Analysis of Bothersome Charged Analogs by Ion Chromatography with Triple Quadrupole Mass Spectrometry for Predictive Safety Testing in the Development of Next Generation Crop Treatment Products	Jeremy McFadden, MS Predictive Safety Center Corteva Agriscience TM	
	Chemical Composition of Brown Carbon in Tar Ball Aerosol from Biomass Burning	Anusha Hettiyadura, Postdoc. Assoc. (Laskin Group), Dept of Chemistry	
	Herbicide & Pesticide Analysis by GC-MSMS & GC-HRAM-MS	Mark Belmont Thermo Fisher Scientific	
12:15 PM	Complimentary Lunch & Networking		
1:00 PM	New Approaches for Structural Characterization of Unknown Organic Compounds in Mixtures by Tandem Mass Spectrometry	Hilkka I. Kenttämäaa, Professor Dept of Chemistry	
	Fast Analysis of Haloacetic Acids, Bromate and Dalapon using Ion Chromatography coupled with Mass Spectrometry	Mike Hvizd Thermo Fisher Scientific	
	Single vs Triple Quadrupole ICP-MS: Which Instrument is Right for Your Application?	Jeffrey Bown Thermo Fisher Scientific	
2:15 PM	Q&A Session		
2:30 PM	Survey Collection		
2:45 PM	Adjourn		
Track 2 OMICS Session			
			MRGN 121
10:00 AM	Exosome Phosphoproteomics for Non-Invasive Cancer Diagnostics	Anton Iliuk, Ph.D. Postdoc Assoc. (Tao Lab), Biochem/Med Chem/Mol Pharma	
	A New Flavor for Flavonoid Analysis: A Structure-Based MSn Approach	Tatjana Talamantes, Ph.D. Thermo Fisher Scientific	
12:15 PM	Complimentary Lunch & Networking		
1:00 PM	Deciphering the role of N-terminal methylation in modulating yeast protein function including the multitasking stress protein, Hsp31	Panyue Chen, Ph.D. Candidate (Hazbun Lab), Med Chem and Molecular Pharma	
	Proteomic Analysis to Elucidate the Enhanced Effects of Electrical Pulsed Curcumin in Triple Negative Breast Cancer Cells	Lakshya Mittal, Ph.D. Candidate (Sundararajan Lab), Engineering Technology	
	Identifying Candidate Aggression Reducing Pheromones to Improve Mouse Welfare	Amanda Barabas, Ph.D. Candidate (Gaskill Lab), Animal Sciences	
	Proteomic Analysis of Extracellular Matrix Dynamics During Mouse Forelimb Development	Kathryn R Jacobson, Ph.D. Candidate (Calve Lab), Biomedical Engineering	
2:15 PM	Q&A Session		
2:30 PM	Survey Collection		
2:45 PM	Adjourn		

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