

2018 NACRW Program (DRAFT)

as of 6-23-18

Sunday, July 22, 2018

8:00 am-4:00 pm	Short Course: Mike Filigenzi <i>"Practical Mass Spectrometry in Residue Chemistry: Basic Principles and Applications"</i>	Acacia 1-3
1:00-5:00 pm	Exhibitor Setup	Royal Palm Ballroom
1:00-6:00 pm	Registration	Orchid Foyer
2:00-3:30 pm	Standards Working Group <i>Discussions of standard mixes, availability, and stability</i>	Orchid 1-2
3:45-4:45 pm	AOAC Veterinary Drugs Subgroup Meeting <i>Discussions on AOAC proposal for a collaborative study on multi-residue/multi-class veterinary drug methods; analytes, action levels and target commodities</i>	Orchid 1-2
5:00-6:00 pm	AOAC Pesticide Subgroup Meeting <i>Don't miss out on your opportunity to join your colleagues in discussing pesticide methodology, instrumentation, emerging issues, and so much more. The Pesticide Subgroup family welcomes all new and former attendees of NACRW and looks forward to your valuable contributions.</i>	Orchid 1-2
3:00-6:00 pm	Poster Board Set Up	Royal Palm Ballroom
6:15-7:15 pm	SCIEX Vendor Seminar	Vista Ballroom, 1st level
7:30-9:30 pm	Welcome Reception	Royal Palm Ballroom

Monday, July 23, 2018

All Day	Registration	Orchid Foyer
7:00-10:00 am	Poster Board Set Up	Royal Palm Ballroom
7:15-7:45 am	Moderator and Volunteer Training	Orchid Ballroom
7:15-8:15 am	Bruker Vendor Seminar	Vista Ballroom, 1st level
7:30-8:15 am	Early Morning Coffee	Orchid Foyer
8:30-8:40 am	Opening Remarks Sherry Garris, Chair, FLAG Works, Inc.	Orchid Ballroom
8:40-8:45 am	NACRW Excellence Award Presentation and Keynote Address Introduction and Presentation of NACRW Excellence Award Alex Krynitsky, 2018 NACRW President	
8:45-9:30 am	Presentation by Excellence Award Winner Janusz Pawliszyn, Canada Research Chair, Department of Chemistry, University of Waterloo, Waterloo, Ontario, Canada	
A-1	Matrix Compatible Coatings in SPME: An Enabling Technology Facilitating Full Automation and On-site Residue Determinations of Food Products	

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9:30-10:45 am	SESSION 1: Sample preparation: new and novel techniques and methods Co-Chairs: Steven Moser and Brian Eitzer	Orchid Ballroom
9:30-9:50 am	Sonia Herrera López , NVWA- Netherlands Food and Consumer Product Safety Authority, Wageningen, Netherlands	
O-1	Comprehensive study of different approaches for the determination of 15 highly polar pesticides in food matrices. Influence of matrix type on the identification	
9:55-10:15 am	Michael S Young , Waters Corporation, Milford, MA, USA	
O-2	Improved Extraction and Cleanup Prior to LC-MS/MS Determination of Bound and Unbound Dicamba and Dicamba Metabolite Residues in Agricultural Samples	
10:20-10:40 am	Shabarinath Nambiar , Murdoch University, Perth, WA, Australia	
O-3	Single tube extraction and clean up using solubilized QuEChERS extractants – a miniaturized approach	
10:45-noon	Exhibition and Poster Opening	Royal Palm Ballroom
11:00-noon	Poster Session (authors present for odd #s)	Royal Palm Ballroom
noon-1:00 pm	Cash Lunch (Exhibition Hall)	Royal Palm Ballroom
12:15- 1:15 pm	LECO Corp. Vendor Seminar	Vista Ballroom, 1st level
1:30-3:10 pm	SESSION 2: Advanced and new instrumentation Co-Chairs: Willis Chow and Jon Wong	Orchid Ballroom
1:30-1:50 pm	Lili He , University of Massachusetts, Amherst, MA, USA	
O-4	Surface Enhanced Raman Spectroscopy for Food Colorant Analysis	
1:55-2:15 pm	Scott White , University of Minnesota, Minneapolis, MN, USA	
O-5	Food Sensing with Printed, Floating-Gate Transistors	
2:20-2:40 pm	Kaveh Jorabchi , Georgetown University, Washington, DC, USA	
O-6	Plasma Assisted Reaction Chemical Ionization: A Sensitive Ion Source for Elemental Detection and Quantification of Residues	
2:45-3:05 pm	Amadeo R. Fernández-Alba , European Union Reference Laboratory for Pesticide Residues in Fruit & Vegetables, University of Almeria, Almería, Spain	
O-7	Pesticides analysis in complex matrices by new GC and LC MS/MS improved platforms	
3:10-3:55 pm	BREAK (Exhibition & Posters)	Royal Palm Ballroom
3:55-5:35 pm	SESSION 3: Natural products and supplements Co-Chairs: Paul Reibach and Ken Kise	Orchid Ballroom
3:55-4:15 pm	Todd Richards , LECO, Saint Joseph, MI, USA	
O-8	Utilizing GCxGC-TOFMS for Quantitation of Cannabis Related Pesticides in Hops QuEChERS Extract	

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4:20-4:40 pm O-9	Wesley Maguire , Pixis Labs/Columbia Food Lab, Portland, OR, USA Comprehensive Determination of Unregulated Pesticides in Cannabis Flower using Tandem Mass Spectrometry	
4:45-5:05 pm O-10	Avinash Dalmia , PerkinElmer, Shelton, CT, USA Analysis of all pesticide residues in cannabis regulated by California and Oregon state using LC/MS/MS with Electrospray and APCI source	
5:10-5:35 pm O-11	Agustin Pierri , Weck Laboratories, Industry, CA, USA Cannabis Sativa pesticides, aflatoxins, and potency by LC/MS/MS: one extraction, one analysis	
6:30 pm →	Mediterranean Social Event - Naples Grande	Sunset Veranda/Vista Ballroom

Tuesday July 24, 2018

All Day	Registration	
All Day	Exhibition & Posters	Royal Palm Ballroom
7:00-8:15 am	Thermo Fisher Scientific Vendor Seminar	Vista Ballroom, 1st level
7:30-8:15 am	Early Morning Coffee	Royal Palm Ballroom
9:00-10:45 am	SESSION 4: Veterinary drug residues Co-Chairs: Sherri Turnipseed and Eric Verdon	Orchid Ballroom
9:00-9:20 am O-12	Kevin C. Hsieh , Florida Department of Agriculture and Consumer Services, Tallahassee, FL, USA Accurate Quantitation and Analysis of Nitrofurans and Phenolics in Seafood by UHPLC-MS/MS: Proficiency Testing and State Regulatory Samples	
9:25-9:45 am O-13	Ovokeroye A. Abafe , Agricultural Research Council-OVR, Onderstepoort, South Africa Development and validation of a confirmatory method for the determination of stilbene estrogens in Ostrich serum	
9:50-10:10 am O-14	Anton Kaufmann , Official food control authority of the Canton of Zurich, Zurich, Switzerland Moving from targeted towards non-targeted approaches	
10:15-10:40 am O-15	Thierry Delatour , Nestlé Research Centre, Lausanne, Switzerland Matrix effect-monitored screening of a hundred veterinary drug residues in food by liquid chromatography-triple quadrupole mass spectrometry	
10:45-noon	BREAK (Exhibition & Posters)	Royal Palm Ballroom
11:00-noon	Poster Session B (authors for even #s)	Royal Palm Ballroom
noon-1:00 pm	Cash Lunch (Exhibition Hall)	Royal Palm Ballroom
12:15-1:15 pm	Agilent Technologies Vendor Seminar	Vista Ballroom, 1st level

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1:30-3:10 pm	SESSION 5: Natural toxins: fungal and aquatic toxins Co-Chair: Sara Mcgrath and Mike Filigenzi	Orchid Ballroom
1:30-1:50 pm O-16	Sareeta Nerkar , Pickering Laboratories Inc., Mountain View, CA, USA HPLC Method for Quantification of Mycotoxins in Animal Matrices, Food and Feed	
1:55-2:15 pm O-17	Geoffrey Faden , Mac-Mod Analytical, Chadds Ford, PA, USA Fast, highly sensitive analysis of mycotoxins using superficially porous particles	
2:20-2:40 pm O-18	Wendy K. Strangman , University of North Carolina Wilmington, Wilmington, NC, USA What are we missing? Metabolomics, toxin analysis, and new compound discovery from marine and freshwater HAB species	
2:45-3:05 pm O-19	Pearse McCarron , National Research Council Canada, Halifax, NS, Canada Analytical Methods and Reference Materials for Marine Toxins	
3:10-3:55 pm	BREAK (Exhibition & Posters)	Royal Palm Ballroom
3:55-5:00 pm	SESSION 6: Mass Spectrometry Forum Moderators: Brad Barrett and Jack Cochran	Orchid Ballroom
5:05-6:00 pm	NACRW Organizing Committee Meeting <i>open to all attendees</i>	Orchid Ballroom
6:00-10:30 pm	Shuttle service to and from Mercato (Blue Martini) <i>One shuttle scheduled to run every 15 minutes</i>	Outside - Hotel Main Entrance

Wednesday, July 25, 2018

Until noon	Registration	Orchid Foyer
Until noon	Exhibition & Posters	Royal Palm Ballroom
7:15-8:15 am	Waters Corporation Vendor Seminar	Vista Ballroom, 1st level
7:30-8:15 am	Early Morning Coffee	Royal Palm Ballroom
8:30-10:45 am	SESSION 7: Environmental and human health Co-Chairs: Rob Trengove and Marc Engel	Orchid Ballroom
8:30-8:55 am O-20	Zachary Laughrey , USGS, Lawrence, KS, USA Analysis of Cyanotoxin and Algal Toxins: Data gaps, Challenges, and Advancements	
9:00-9:25 am O-21	Anthony Macherone , Agilent Technologies, Wilmington, DE, USA Integrating GC-TOF exposome profiling and genetic disease screening to provide a holistic perspective on honey bee health	

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9:30-9:55 am O-22	Dana Boyd Barr , Emory University, Atlanta, GA, USA Insecticide Exposures and Human Health	
10:00-10:25 am O-23	Danielle Stanek , Florida Department of Health, Tallahassee, FL, USA One Health Approach to Chemical Residues in Our Environment	
10:30-10:45 am	Student Scholarship Presentations	Orchid Ballroom
10:45-noon	BREAK (Exhibition & Posters)	Royal Palm Ballroom
12:00-1:00 pm	o2si smart solutions Vendor Seminar	Vista Ballroom, 1st level
1:05-2:45 pm	SESSION 8: Novel and emerging contaminants of concern in food and the environment Co-Chairs: Yelena Sapozhnikova and Paul Yang	Orchid Ballroom
1:05-1:25 pm O-24	Katerina Mastovska , Covance Laboratories, Madison, WI, USA Reliable and Cost-Effective Analysis of Bisphenol A and Nonylphenols in Foods and Beverages	
1:30-1:50 pm O-25	Yelena Sapozhnikova , USDA, Wyndmoor, PA, USA Analysis of organophosphate esters in meats and fish	
1:55-2:15 pm O-26	Hui Peng , University of Toronto, Toronto, Canada Untargeted Screening and Prioritization of Halogenated Chemicals in the Environment	
2:20-2:40 pm O-27	Mark W Sumarah , Agriculture and Agri-food Canada, London, Canada Non-targeted Analysis of Emerging Environmental Contaminants by Data Independent Acquisition LC-MS/MS	
2:45-3:15 pm	BREAK	Orchid Foyer
3:15-4:55 pm	SESSION 9: Special topics in food and the environment Co-Chairs: Neely Belai and Sam White	Orchid Ballroom
3:15-3:35 pm O-28	Sitra Abubeker , USDA Agricultural Marketing Service, Washington, DC, USA USDA's Pesticide Data Program-Who Uses the Data	
3:40-4:00 pm O-29	Barbara Kiedrowska , NVWA - Netherlands Food and Consumer Product Safety Authority, Wageningen, The Netherlands Development, validation and implementation of a GC-EI-Orbitrap HRMS method for routine analysis of pesticide residues in fruits and vegetables	
4:05-4:25 pm O-30	Paul Yang , MOECC, Etobicoke, Canada Correlation of estrogenicity in wastewater using effect-directed analyses and liquid chromatography-tandem mass spectrometry	
4:30-4:50 pm O-31	Peter L. Morton , National High Magnetic Field Laboratory/FSU, Tallahassee, FL, USA Contamination of Turmeric with Lead Paint	

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4:55-5:10 pm Poster Awards and Closing Orchid Ballroom

Thursday, July 26, 2018

User Meetings

7:30-9:30 am [SCIEX User Meeting](#) Orchid 2

7:30-9:30 am [Thermo Fisher Scientific](#) Orchid 4

10:30 am-12:30 pm [Agilent Technologies User Meeting](#) Orchid 3