

# 2017 NACRW Program (DRAFT)

as of 6-14-17

## Sunday, July 23, 2017

8:00 am-4:00 pm	<b>Short Course: Steven Lehotay</b> <i>Efficient start-to-finish analysis of chemical residues</i>	Acacia 4-6
1:00-5:00 pm	Exhibitor Setup	Royal Palm Ballroom
3:00-6:00 pm	Poster Board Set Up	Royal Palm Ballroom
2:00-6:00 pm	Registration	
4:00-5:00 pm	FDA/State Forum-government employees only	Banyan
5:15-5:45 pm	Moderator and Volunteer Training	Orchid Ballroom
6:15-7:15 pm	<b>Restek Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> Level</b>
7:30-9:30 pm	<b>Welcome Reception</b>	<b>Royal Palm Ballroom</b>

## Monday, July 24, 2017

All Day	Registration	
7:00-10:00 am	Poster Board Set Up	Royal Palm Ballroom
7:30-8:15 am	Early Morning Coffee	Orchid Foyer
7:15-8:15 am	<b>Waters Corporation Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
<b>8:30-8:40 am</b>	<b>Opening Remarks</b> Sherry Garris, Chair, FLAG Works, Inc.	<b>Orchid Ballroom</b>
<b>8:40-8:45 am</b>	<b>NACRW Excellence Award Presentation and Keynote Address</b> <b>Introduction and Presentation of NACRW Excellence Award</b> Kelly Dorweiler, 2017 NACRW President	
<b>8:45-9:30 am</b>	<b>Presentation by Excellence Award Winner</b> <b>Kevin Schug</b> , Department of Chemistry & Biochemistry, The University of Texas at Arlington, Arlington TX and Harold McNair, Department of Chemistry, Virginia Tech, Blacksburg VA	
<b>A-1</b>	<b>New tools for the determination of chemical constituents in complex matrices</b>	
<b>9:30-10:45 am</b>	<b>SESSION 1:</b> <b>Advanced Detection Techniques</b> <b>Chair: Paul Yang</b>	<b>Orchid Ballroom</b>
9:30-9:55 am	<b>Paul Zomer</b> , RIKILT Wageningen University & Research, Wageningen, The Netherlands	
<b>O-1</b>	<b>The use of GC-Orbitrap-MS in multi-residue analysis of pesticides</b>	
9:55-10:20 am	<b>Jack Cochran</b> , VUV Analytics, Cedar Park, TX, USA	
<b>O-2</b>	<b>Gas chromatography - vacuum ultraviolet spectroscopy: a new tool for food analysis</b>	
10:20-10:45 am	<b>Jon W. Wong</b> , U.S. Food and Drug Administration, College Park, MD, USA	
<b>O-3</b>	<b>LC-HRMS, mass spectral libraries, and compound databases for screening chemical residues and contaminants</b>	
10:45-noon	<b>Exhibition and Poster Opening</b>	<b>Royal Palm Ballroom</b>
11:00-noon	<b>Poster Session (authors present for odd #s)</b>	<b>Royal Palm Ballroom</b>
noon-1:00 pm	Cash Lunch (Exhibition Hall)	<b>Royal Palm Ballroom</b>

# 2017 NACRW Program (DRAFT)

as of 6-14-17

12:15- 1:15 pm	<b>LECO Corporation Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
1:30-3:10 pm	<b>SESSION 2:</b> <b>Veterinary Drugs and Anti-Microbial Resistance</b> <b>Chair: Fadi Aldeek</b>	<b>Orchid Ballroom</b>
1:30-1:55 pm <b>O-4</b>	<b>Eric Verdon</b> , ANSES-Laboratory of Fougères, Javené, France <b>Approaches for the (broad) screening of veterinary drugs by full scan accurate mass determination</b>	
1:55-2:20 pm <b>O-5</b>	<b>Thomas Bessaire</b> , Nestlé Research Center, Lausanne, Switzerland <b>LC-MS/MS methods for an effective control of veterinary drugs in raw materials and manufactured products – a food industry perspective</b>	
2:20-2:45 pm <b>O-6</b>	<b>Brian Veach</b> , U.S. Food and Drug Administration, Jefferson, AR, USA <b>Rapid Fire mass spectrometry with enhanced throughput as an alternative to liquid-liquid salt-assisted extraction and LC-MS analysis for sulfonamides in honey</b>	
2:45-3:10 pm <b>O-7</b>	<b>Charles Yang</b> , Thermo Fisher Scientific, San Jose, CA, USA <b>Quantitative analysis with Orbitrap™ high-resolution LC-MS/MS and a new triple quadrupole LC-MS/MS for validation of a multi-residue veterinary medicine suite in cattle muscle</b>	
3:10-3:55 pm	<b>BREAK (Exhibition &amp; Posters)</b>	<b>Royal Palm Ballroom</b>
3:55-5:35 pm	<b>SESSION 3:</b> <b>Novel and Emerging Food Contaminants</b> <b>Co-Chairs: Susie Genualdi and Sara McGrath</b>	<b>Orchid Ballroom</b>
3:55-4:20 pm <b>O-8</b>	<b>Katherine Carlos</b> , U.S. Food and Drug Administration, College Park, MD, USA <b>Determination of the bis(2-ethylhexyl) phthalate (DEHP) concentration of beer stored in bottles with PVC gaskets</b>	
4:20-4:45 pm <b>O-9</b>	<b>Agustin Pierri</b> , Weck Laboratories, Inc., Industry, CA, USA <b>LC-MS/MS determination of per- and poly-fluoroalkyl substances (PFAS) in eggs and dairy products</b>	
4:45-5:10 pm <b>O-10</b>	<b>Anindya Pradhan</b> , Eurofins Central Analytical Laboratories, New Orleans, LA, USA <b>A novel method for analysis of 3-monochloropropane-1,2-diol (3-MCPD), 2-monochloropropane-1,3-diol (2-MCPD) and glycidyl esters in oils and fatty foods using GC-MS/MS</b>	
5:10-5:35 pm <b>O-11</b>	<b>Martin Dusek</b> , Research Institute of Brewing and Malting, Prague, Czech Republic <b>A one-year experience with pesticide residue analysis in hops using QuEChERS based method: living up to expectations or blind alley?</b>	
6:30 pm →	<b>Luau Social Event - Naples Grande Beach Resort</b>	<b>Sunset Veranda/Vista Ballroom</b>

# 2017 NACRW Program (DRAFT)

as of 6-14-17

## Tuesday July 25, 2017

All Day	Registration	
All Day	<b>Exhibition &amp; Posters</b>	Royal Palm Ballroom
7:30-8:15 am	<b>Early Morning Coffee</b>	Royal Palm Ballroom
7:15-8:15 am	<b>Phenomenex Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
<b>8:30-10:45 am</b>	<b>SESSION 4:</b> <b>Advanced Sample Preparation</b> <b>Chair: Jo Marie Cook</b>	<b>Orchid Ballroom</b>
8:30-8:50 am <b>O-12</b>	<b>Paul Reibach</b> , Smithers Viscient, Wareham, MA, USA <b>Incurred residues - what are they and how much is present in our food supply?</b>	
8:50-9:10 am <b>O-13</b>	<b>Steven Lehotay</b> , USDA Agricultural Research Service, Wyndmoor, PA, USA <b>How low can we go? Study to assess the accuracy of different test sample weights in pesticide residue analysis of fruits and vegetables using different chopping methods</b>	
9:10-9:30 am <b>O-14</b>	<b>Manol Roussev</b> , Wessling Group, Berlin, Germany <b>Advantages of cryogenic milling using liquid nitrogen for the routine analysis of pesticide residues in food and feed</b>	
9:30-9:50 am <b>O-15</b>	<b>Rob Gooding</b> , BASF, Research Triangle Park, NC, USA <b>Utilization of 96-well plates in residue analysis. Micro-extraction is a fast, cost effective, and green technology to determine residue in various matrices</b>	
9:50-10:10 am <b>O-16</b>	<b>Johannes Corley</b> , Self-employed, East Brunswick, NJ, USA <b>Isotopically labelled compounds, nuclear and isotopic techniques in food safety monitoring</b>	
10:10-10:45 am	<b>Question and Answer Forum. Expert panel:</b> JoMarie Cook, Steven Lehotay, Paul Reibach, Manol Roussev, Rob Gooding, Johannes Corley	
10:45-noon	<b>BREAK (Exhibition &amp; Posters)</b>	Royal Palm Ballroom
11:00-noon	<b>Poster Session (authors for even #s)</b>	Royal Palm Ballroom
noon-1:00 pm	Cash Lunch (Exhibition Hall)	Royal Palm Ballroom
12:15-1:15 pm	<b>Thermo Fisher Scientific Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
<b>1:30-3:10 pm</b>	<b>SESSION 5:</b> <b>State/Federal Laboratory Updates</b> <b>Co-Chair: Katherine Carlos and Steven Moser</b>	<b>Orchid Ballroom</b>
1:30-1:55 pm <b>O-17</b>	<b>Brittany Holmes</b> , WSDA, Chemical & Hop Lab, Yakima, WA, USA <b>Chemical &amp; Hop Laboratory - 65 years of accomplishments and continuing challenges</b>	
1:55-2:20 pm <b>O-18</b>	<b>Marc Engel</b> , Florida Department of Agriculture and Consumer Services, Tallahassee, FL, USA <b>Predicting mercury exposure to women of child-bearing age from various Grouper consumption scenarios</b>	

# 2017 NACRW Program (DRAFT)

as of 6-14-17

2:20-2:45 pm O-19	<b>Narong Chamkasem</b> , U.S. Food and Drug Administration, Atlanta, GA, USA <b>Analysis of polar pesticides using a mixed-phase mode HPLC column</b>	
2:45-3:10 pm O-20	<b>Eugene Chang</b> , US Food and Drug Administration, Irvine, CA, USA <b>An ion pair reverse-phase liquid chromatography method coupled to tandem mass spectrometry for analysis of glyphosate and its metabolites</b>	
3:10-3:55 pm	<b>BREAK (Exhibition &amp; Posters)</b>	<b>Royal Palm Ballroom</b>
3:55-5:00 pm	<b>SESSION 6:</b> <b>Mass Spectrometry Forum</b> <b>Chair: Brad Barrett and Brian Eitzer</b>	<b>Orchid Ballroom</b>
5:05-6:00 pm	<b>Organization Committee Meeting</b> <i>open to all attendees</i>	<b>Orchid Ballroom</b>
6:00-10:30 pm	<b>Shuttle service to and from 5<sup>th</sup> Avenue downtown Naples</b> <i>Two shuttles scheduled to run every 15 minutes</i>	<b>Outside - Hotel Entrance</b>

## Wednesday, July 26, 2017

Until noon	Registration	
Until noon	<b>Exhibition &amp; Posters</b>	<b>Royal Palm Ballroom</b>
7:30-8:15 am	Early Morning Coffee	<b>Royal Palm Ballroom</b>
7:15-8:15 am	<b>SCIEX Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
8:30-10:45 am	<b>SESSION 7:</b> <b>Natural Products, Supplements, and Cannabis</b> <b>Co-Chairs: Paul Reibach and Jack Cochran</b>	<b>Orchid Ballroom</b>
8:30-8:55 am O-21	<b>Rick Jordan</b> , Pacific Agricultural Laboratory, Sherwood, OR, USA <b>Seeing the trees through the forest – analytical challenges and strategies for residue analysis in Cannabis</b>	
8:55-9:20 am O-22	<b>Heather Krug</b> , Colorado Department of Public Health and Environment, Denver, CO, USA <b>Cannabis pesticide residue testing implementation: The Colorado experience</b>	
9:20-9:45 am O-23	<b>Paul Reibach</b> , Smithers Visient, Wareham, MA, USA <b>Pesticide residues in Cannabis: pesticide exposure risk assessment</b>	
9:45-10:10 am O-24	<b>Kevin Armbrust</b> , Louisiana State University, Baton Rouge, LA, USA <b>The roles of national associations in state and federal regulatory cooperation: implications for future Cannabis policy</b>	
10:10-10:45 O-25	<b>Jana Hajslova</b> , University of Chemistry and Technology, Prague, Czech Republic <b>Challenging analytical strategies to characterize the cocktail of chemicals occurring in Cannabis plants and products thereof</b>	
10:45-noon	<b>BREAK (Exhibition &amp; Posters)</b>	<b>Royal Palm Ballroom</b>
12:00-1:00 pm	<b>Agilent Technologies Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>

# 2017 NACRW Program (DRAFT)

as of 6-14-17

1:05-2:45 pm	<b>SESSION 8:</b> <b>Residue Analysis in Aquaculture Products and Water Systems</b> <b>Chair: Wendy Andersen</b>	<b>Orchid Ballroom</b>
1:05-1:30 pm <b>O-26</b>	<b>Estelle Dubreil</b> , ANSES-Laboratory of Fougères, Javené, France <b>Dye residues in aquaculture products: targeted and metabolomics mass spectrometric approaches to track their abuse</b>	
1:30-1:55 pm <b>O-27</b>	<b>Ryan Gibbs</b> , Canadian Food Inspection Agency, Dartmouth, NS, Canada <b>A multi-class method for the determination and confirmation of veterinary antibiotics and growth promoters in aquaculture products by LC-MS/MS and LC-HRAM-MS</b>	
1:55-2:20 pm <b>O-28</b>	<b>Yelena Sapozhnikova</b> , USDA Agricultural Research Service, Wyndmoor, PA, USA <b>Analysis of pesticides, POPs and emerging contaminants in catfish</b>	
2:20-2:45 pm <b>O-29</b>	<b>Simon Hird</b> , Waters Corporation, Wilmslow, Cheshire, UK <b>Targeted and non-targeted approaches to the determination of microcystins and other cyanotoxins in water using combinations of one and two-dimensional liquid chromatography (1D &amp; 2D LC) and tandem quadrupole (TQ), quadrupole time of flight (QToF) and ion mobility quadrupole time of flight (IMS QToF) mass spectrometry</b>	
2:45-3:15 pm 2:45-3:15 pm	<b>BREAK</b> <b>AOAC Pesticide Contaminant Sub-Committee Meeting</b> - open to all attendees <b>Co-Chairs: Steven Moser and Ping Wan</b>	<b>Orchid Foyer</b> <b>Orchid Ballroom</b>
3:15-4:55 pm	<b>SESSION 9:</b> <b>General Topics</b> <b>Chair: Brian Eitzer</b>	<b>Orchid Ballroom</b>
3:15-3:40 pm <b>O-30</b>	<b>James Edwards</b> , Indigo BioAutomation, Inc., Indianapolis, IN, USA <b>Software Automation Strategies for Improving Quality and Throughput of Highly Complex LC-MS/MS Analysis</b>	
3:40-4:05 pm <b>O-31</b>	<b>Paul Yang</b> , Ontario Ministry of the Environment, Toronto, Canada <b>Effect-directed analyses of endocrine disrupting compounds using liquid chromatography-mass spectrometry and ER-CALUX</b>	
4:05-4:30 pm <b>O-32</b>	<b>Wiley A. Hall IV</b> , Safe Food Alliance, Fresno, CA, USA <b>Integrated capillary electrophoresis and electrospray ionization (CESI) mass spectrometry for the analysis of polar pesticide residues in tree nuts and comparison with liquid chromatography</b>	
4:30-4:55 pm <b>O-33</b>	<b>Brian Eitzer</b> , The Connecticut Agricultural Experimental Station, CT, USA <b>Collection and analysis of plant nectar and pollen and honey bee collected pollen at ornamental nurseries</b>	

# 2017 NACRW Program (DRAFT)

*as of 6-14-17*

4:55-5:10 pm	Poster Awards and Closing	Orchid Ballroom
6:00-10:30 pm	Shuttle service to and from Mercato (Blue Martini) <i>Two shuttles scheduled to run every 15 minutes</i>	Outside - Hotel Entrance

## Thursday, July 27, 2017

### User Meetings

7:30-9:30 am	SCIEX User Meeting	Royal Palm 1
10:30 am-12:30 pm	Agilent Technologies User Meeting	Royal Palm 3