

2024 NACRW draft PROGRAM

DRAFT as of 06-10-2024

Sunday, July 14, 2024

1:00-6:00 pm	Registration	Caribbean Foyer
1:00-5:00 pm	Exhibitor set-up	Caribbean Ballroom
3:00 - 6:00 pm	Poster Board set-up	Caribbean Ballroom
2:00-3:30 pm	<u>NACRW Veterinary Drugs Working Group</u>	Grand Ballroom E
2:00-2:25 pm VDWG-01	<u>Anton Kaufmann</u> , Official Food Control Authority of the Canton of Zürich, Zürich; Switzerland Comparison of the Low versus High Resolution-based Confirmation Criteria for Veterinary Chemical Residues in Food Control	
2:25-3:00 pm VDWG-02	Robin Kämpf and <u>Anton Kaufmann</u> , KLZH, Official Food Control Authority of the Canton of Zurich, Zürich, Switzerland; <u>Maiwenn Le Floch</u> and Eric Verdon, ANSES, the French Agency for Food, Environmental and Occupational Health & Safety, Laboratory of Fougères; France; and <u>Alejandra Rodríguez Haralambides</u> , University of the Republic, Montevideo; Uruguay Progress of the Veterinary Drug Residue Collaborative Study, 2023-2024 (Rounds 1 & 2)	
3:00-3:15 pm VDWG-03	<u>Eric Verdon</u> , the French Agency for Food, Environmental and Occupational Health & Safety, Laboratory of Fougères; France News on the new EU Implementing Regulation for Analytical Methods Performance for the Veterinary Drug Residue Official Control in Food: CIR (EU) 2021/808	
3:15-3:30 pm	Open Forum Moderators: <u>Jo Marie Cook</u> , Florida Department of Agriculture, FL, USA, retired; and <u>Eric Verdon</u> , The French Agency for Food, Environmental and Occupational Health & Safety, Laboratory of Fougères; France	
4:00-5:30 pm	<u>Workshop with Antony Williams US EPA</u> <i>A Hands-On Experience of Accessing Data from EPA Dashboards to Support Analysis of Pesticides, Veterinary Drug Residues, and other Chemicals in Food, Animal Feed, and Environmental Samples</i> Attendees: Bring your laptop fully charged	Grand Ballroom E
6:30 - 8:00 pm	Welcome Reception (Exhibit Hall)	Caribbean Ballroom

Monday, July 15, 2024

7:00 - 9:30 am	Poster Board Set-up	Caribbean Ballroom
7:15 - 8:15 am	Restek Corp. Vendor Seminar (<i>pre-registration required</i>)	Grand Ballroom E
7:30 am -5:00 pm	Registration	Caribbean Foyer
7:45- 8:15 am	Early Morning Coffee	Caribbean Foyer
8:20-8:45 am	Opening Remarks	Grand Ballroom F-K
8:20-8:30 am	<u>Sherry Garris</u> , Chair, FLAG Works, Inc. Board of Directors	
8:30-8:35 am	2024 NACRW President, <u>Simon Hird</u>	
8:35-8:40 am	2024 NACRW Program Co-Chairs, <u>Wiley Hall and Wendy Young</u>	

2024 NACRW draft PROGRAM

DRAFT as of 06-10-2024

8:40 - 10:45 am	SESSION 1: <i>sponsored by SCIEX</i> Progress and Advances in Analytical Technology, Cheminformatics, Monitoring, and Risk Assessment for Hazardous Chemicals in the Environment and Food Supply Co-Chairs: Jian Wang and Brian Ng	Grand Ballroom F-K
8:40-8:45 am	Session Sponsorship – SCIEX Matt Noestheden	
8:45-9:40 am Keynote Speaker	Antony Williams, US EPA, Durham, NC, USA Accessing Data to Support Pesticide Residue and Emerging Contaminant Analysis from US-EPA Online Dashboards	
9:45-10:10 am O-01	Carsten Prasse, Johns Hopkins University, Baltimore, MD, USA Combining non-targeted analysis with computer-based hazard comparison approaches to support prioritization of unregulated organic contaminants in environmental media	
10:15-10:45 am O-02	Julien Parinet, ANSES, Montreuil, France Strengths & weaknesses to reanalyze by QuEChERS-LC-HRMS/MS (targeted and suspected approaches) a selection of total diet study samples analyzed ten years ago by various LC-MS/MS methods	
10:45 - noon	Exhibition and Poster Opening	Caribbean Ballroom
11:00 am - noon	Poster Session A (authors present for odd #s)	Caribbean Ballroom
12 noon	Lunch on your own	
12:15 - 1:15 pm	Agilent Technologies Vendor Seminar (pre-registration required)	Grand Ballroom E
1:30 - 3:10 pm	SESSION 2: Non-Pesticide Residues Co-Chairs: Eric Verdon and Jessica Krank-tentative	Grand Ballroom F-K
1:30-1:50 pm O-03	Dr. Simon Hird, Waters Corporation, Wimslow, Cheshire, UK Determination of nitrofurans metabolites, including nifursol, in shrimp and fish by UPLC-MS/MS: in-house method validation according to Commission Implementing Regulation (EU) 2021/808	
1:50-2:10 pm O-04	Dr. Jana Hepner, Restek Corporation, Bellefonte, PA, USA Exploration of new Low-Pressure GC columns for food and environment emerging contaminants	
2:10-2:30 pm O-05	Frank Kero, Bruker, Billerica, MA, USA A novel approach for monitoring multi-classes of POPs in a single run by GC-Ion Mobility-HRMS	
2:30-2:50 pm O-06	Dr. Wiley Hall, US Department of Agriculture, Agricultural Research Service, Parlier, CA, USA Considerations and Progress in Developing Multi-residue Analysis Methods for the Inorganic Residues of Postharvest and Preplant Fumigants	
2:50-3:10 pm	Q & A	
3:10-3:40 pm	BREAK- Exhibition & Posters (authors present for even #s)	Caribbean Ballroom

2024 NACRW draft PROGRAM

DRAFT as of 06-10-2024

3:40-5:00 pm	SESSION 3: Validations, Certifications and Regulatory Issues Co-Chairs: Julia Coppin and Kate Mastovska	Grand Ballroom F-K
3:40-4:00 pm	Spencer Walse , US Department of Agriculture, Agricultural Research Service, Parlier, CA, USA	
O-07	Regulatory Challenges to the Use of Postharvest Fumigants in the Global Trade of Agricultural Commodities	
4:00-4:20 pm	Luciana Teresa Dias Cappelini , Florida International University, North Miami, FL, USA	
O-08	Occurrence and distribution of emerging contaminants on children's food in Miami-Dade – FL	
4:20-4:40 pm	Alejandra Rodriguez-Haralambides , Facultad de Química-IPTP, Universidad de la República- Uruguay, Pando, Canelones, Uruguay	
O-09	Mapping of Mycotoxins Profiles in Wheat Production Regions of Uruguay	
4:40-5:00 pm	Thomas Day , US Food and Drug Administration, Bothell, WA, USA	
O-10	Detection of C. thevetia Cardiac Glycosides Adulteration in Dietary Supplements utilizing Untargeted High Resolution Mass Spectrometry	
6:30-9:00 pm	SOCIAL EVENT (Dinner) – Marriott Harbor Beach	Grand Ballroom A-E

Tuesday, July 16, 2024

7:15-8:15 am	SCIEX Vendor Seminar (<i>pre-registration required</i>)	Grand Ballroom E
8:00 am - 4:00 pm	Registration	Caribbean Foyer
8:00 am – 8:30 am	Early Morning Coffee	Caribbean Foyer
8:45 - 10:45 am	SESSION 4: <i>sponsored by Agilent</i> Residue Analysis in Difficult Matrices Co-Chairs: Holly Lee and Julie Brunkhorst	Grand Ballroom F-K
8:45-8:50 am	Session Sponsorship - Agilent Technologies	
8:50-9:10 am	Anton Kaufmann , Official Food Control Authority of the Canton of Zurich, Zurich, Switzerland	
O-11	Good Chromatography – A Sometimes Neglected Aspect of Modern Multiresidues Methods	
9:10-9:30 am	Alicia D. Stell , CEM Corporation, Matthews, NC, USA	
O-12	Automated Solvent Extraction Method of PFAS From Difficult Food and Environmental Matrices	
9:30-9:50 am	Jerry Mueller , NOW Health Group, Bloomingdale, IL, USA	
O-13	Effective Sample Preparation for LC-MS and GC-MS Multi-Pesticide Residue Analysis in Essential Oils Using Novel Passthrough Cleanup	
9:50-10:10 am	Zhihong Wang , NOAA/NOS National Centers for Coastal Ocean Science, Charleston, SC, USA	
O-14	Determination of Microcystins and Nodularins in Ambient Freshwater and Seawater by LC-MS	
10:10-10:30 pm	Kaitlyn Nobles , Trilogy Analytical Laboratory, Washington, MO, USA	
O-15	Quantitative Analysis for the Adsorption and Desorption Capabilities of Mycotoxin Deactivators Containing Multiple Biogenic Amines by LC-MS/MS	

2024 NACRW draft PROGRAM

DRAFT as of 06-10-2024

10:30-10:50 am O-16	Shweta Gupta, ImagoAI, Inc., Milpitas, CA, USA Quantification of Mycotoxin Levels in Grains Utilizing Hyperspectral Imaging and Artificial Intelligence	
10:50 am-noon	Exhibition and Posters	Caribbean Ballroom
11:00-noon	Poster Session B (<i>authors present for even #s</i>)	Caribbean Ballroom
12 noon	Lunch on your own	
12:15-1:15 pm	Thermo Fisher Scientific Vendor Seminar (<i>pre-registration required</i>)	Grand Ballroom A-D
1:30-3:10 pm	SESSION 5: <i>sponsored by Thermo Fisher Scientific</i> PFAS Contamination: Looking Beyond Environmental Matrices Co-Chairs: Matt Noestheden and Elsie Peparah	Grand Ballroom F-K
1:30-1:35 pm	Session Sponsorship – Thermo Fisher Scientific	
1:35-2:00 pm O-17	Amy Rand, Carleton University, Ottawa, Ontario, Canada PFAS analysis in house dust across socioeconomic factors using targeted LC-MS/MS and total fluorine approaches	
2:00-2:25 pm O-18	Ming Gao, Merieux/Silliker, Crete, IL, USA Detection and Quantitation of PFAS Substances in food and packaging with LC-MS/MS	
2:25-2:50 pm O-19	Anton Kaufmann, Official Food Control Authority of the Canton of Zurich, Zurich, Switzerland Fast and easy nontargeted detection of PFAS in complex food matrices	
2:50-3:15 pm O-20	Thomas Simones, Maine CDC, Augusta, ME, USA PFAS Contamination in Agricultural Settings and Assessment of Human Exposure Pathways through Food Products	
3:15-3:55 pm	BREAK- Exhibition & Posters (<i>authors present for odd #s</i>)	Caribbean Ballroom
4:00-5:00 pm	SESSION 6: FORUM: Overcoming challenges in the lab - sharing the pain Moderators: Scott Krepich and Simon Hird	Grand Ballroom F-K
5:05-6:00 pm	NACRW Organizing Committee Meeting <i>open to all attendees</i>	Caribbean Ballroom

Wednesday, July 17, 2024

7:15-8:15 am	UCT, LLC Vendor Seminar (<i>pre-registration required</i>)	Grand Ballroom E
7:45 am-noon	Registration	Caribbean Foyer
7:45-8:15 am	Early Morning Coffee	Caribbean Foyer
8:30-10:05 am	SESSION 7: <i>sponsored by Restek Corporation</i> Sampling: Collection, Preparation, and Statistics Co-Chairs: Jana Hepner and Don Shelley	Grand Ballroom F-K
8:30-8:35 am	Session Sponsorship – Restek Corporation	

2024 NACRW draft PROGRAM

DRAFT as of 06-10-2024

8:35-8:55 am O-21	Amadeo Fernández-Alba , EURL-FV University of Almería, La Cañada de San Urbano, Almería, Spain Advancements in Miniaturization and Automation for Eco-Friendly Analytical Methods in Pesticide Residue Evaluation in Food	
8:55-9:15 am O-22	Alexis Shelow , Restek, Bellefonte, PA, USA Reduced Instrument Downtime for Organochlorine Pesticide Analysis by Using an Optimized SPE Cartridge for Sample Extract Cleanup	
9:15-9:35 am O-23	Ederina Ninga , EURL-CF, National Food Institute, Technical University of Denmark, Lyngby, Djursland, Denmark Optimization and validation of new sorbents combination in micro solid phase extraction cartridges for the analysis of pesticides in cereals	
9:35-9:55 am O-24	Volker Bornemann , Avazyme, Inc., Durham, NC, USA New, fully automated analytical method for accurate, extended PFAS screen in water, beverages, and food	
10:00-10:45 am	Student Scholarship Award Presentations	Caribbean Ballroom
10:45-noon	BREAK (Exhibition & Posters)	Caribbean Ballroom
12:00-1:00 pm	Waters Corp. Vendor Seminar (<i>pre-registration required</i>)	Grand Ballroom E
1:05-2:45 pm	SESSION 8: Pesticides: Method Improvements, Deficiencies and Expansions Co-Chairs: Ken Kise and Kyle Heater	Grand Ballroom F-K
1:05-1:25 pm O-25	Jian Wang , Canadian Food Inspection Agency Application of nDATA Work Flow for Semi-Quantitative Screening of 1094 Pesticide Residues in Fruits and Vegetables using UHPLC/ESI Q-Orbitrap Full MS/vDIA	
1:25-1:45 pm O-26	Greg Mercer , US Food and Drug Administration Keeping a Regulatory Pesticide Monitoring Program Current: Extension of 38 Analytes to the FDA Harmonized Pesticide Method	
1:45-2:05 pm O-27	Leah Ritter , Bayer Residues of Glyphosate in Food and Dietary Exposure	
2:05-2:25 pm O-28	Anastasia Andrianova , Agilent Technologies A High-Efficiency Approach to Quantitating 246 Pesticides in Black Tea with GC/MS/MS using a New Electron Ionization (EI) Source for Maximized Uptime	
2:25-2:45 pm O-29	Jon Wong , US Food and Drug Administration Evaluation of Complex Food Matrices for Multiresidue Pesticide Analysis using QuEChERS Modificatins and GC- and LC-MS/MS	
2:45-3:15 pm	BREAK	Grand Ballroom Foyer

2024 NACRW draft PROGRAM

DRAFT as of 06-10-2024

3:15-4:55 pm	SESSION 9: Toxins in Agriculture and Food Safety Co-Chairs: Kai Zhang and Lukas Vaclavik	Grand Ballroom F-K
3:15-3:40 pm O-30	Hans Mol , Wageningen Food Safety Research, Wageningen, The Netherlands Mycotoxins: Measuring Body Fluids versus Food to Assess Dietary Exposure	
3:40-4:05 pm O-31	Lidija Kenjeric , Austrian Competence Centre for Feed and Food Quality, Safety and Innovation FFoQSI GmbH, Tulln an der Donau, Austria Exploring Mass Spectrometer Limits: UHPLC-MS/MS Method for Determination of 1,000 Toxins in 10 Minutes	
4:05-4:30 pm O-32	Krista Thomas , National Research Council Canada, Halifax, NS, Canada Multi-Class Analysis of Cyanobacterial Toxins using Hydrophilic Interaction Liquid Chromatography–Mass Spectrometry	
4:30-4:55 pm O-33	Jacolin Murray , National Institute of Standards and Technology, Gaithersburg, MD, USA Development of a Mycotoxin in Animal Feed Reference Material	
4:55-5:10 pm	Poster Awards and Closing	Grand Ballroom F-K
5:10 pm	Adjourn	