Poster Presentations

Following is a list of the Poster Presentations received as of press time.

**MONDAY, AUGUST 26, 2013**

**Poster Viewing**  
10:00 am – 5:00 pm

**Author Presentations**  
11:30 am – 1:00 pm

### Analysis of Foodborne Contaminants and Residues

**Speciation of Inorganic Arsenic in Rice by Solid Phase Extraction and Quantification by Hydride-Generation Atomic Fluorescence Spectrometry**  
**PRESENTER:** Guoying Chen, U.S. Department of Agriculture, Agricultural Research Service, Wyndmoor, PA, USA  
**CO-AUTHORS:** T. Chen, Fujian Agriculture and Forestry University, College of Food Science, Fuzhou, Fujian, China

**Investigation of Major Disturbance for Quantitative Analysis of Ethylcarbamate in Fermented Food on GC-MS**  
**PRESENTER:** Jin-Hyo Kim, National Academy of Agricultural Science, Suwon, Gyeonggi-do, Republic of Korea  
**CO-AUTHORS:** S. Dai, J. Embry, T. Herrman, Texas AgriLife Research, Texas A&M System, Office of the Texas State Chemist, College Station, TX, USA

**Preliminary Investigation of Toxic Biogenic Amines in Plant-Based Minor Fermented Foods in Korea**  
**PRESENTER:** Hee-Dong Lee, National Academy of Agricultural Science, Suwon, Gyeonggi-do, Republic of Korea  
**CO-AUTHORS:** J. Kim, G. Choi, National Academy of Agricultural Science, Suwon, Gyeonggi-do, Republic of Korea

**A Novel Probes Array-Based Method (Bio-Chip) to Simultaneously Identify 5 Major Salmonella enterica Serovars**  
**PRESENTER:** Mongkol Vesaratchavest, Betagro Science Center Co., Ltd., Pathumthani, Thailand  
**CO-AUTHORS:** R. Taharnkaew, Betagro Science Center Co., Ltd., Pathumthani, Thailand

### Analysis of Non-Foodborne Contaminants and Residues

**Determination of Residual Pesticides in Pasteurized Cow Milk Using GC/MS/MS**  
**PRESENTER:** Priti Amritkar, Envirocare Labs Pvt. Ltd., Thane, Maharashtra, India  
**CO-AUTHORS:** B. Chaudhary, P. Thombare, Envirocare Labs Pvt. Ltd., Thane, Maharashtra, India

**Determination of Vet Drugs in Meat and Fish with Solvent Extraction and LC/MS/MS Detection**  
**PRESENTER:** Paolo Matteini, Chelab Silliker, Prato, Italy  
**CO-AUTHORS:** F. Rosi, P. Metrà, Chelab Silliker, Prato, Italy; A. Miniati, T. Cafissi, A. Moro, B. Bassi, Mérieux NutriSciences Corporation, Paris, France

**Validation of a New Device for the Detection of Antibiotics in Milk**  
**PRESENTER:** Pedro Razquin, ZEU - IMMUNOTEC, Zaragoza, Aragon, Spain  
**CO-AUTHORS:** D. Sanz, L. Mata, ZEU - IMMUNOTEC, Zaragoza, Aragon, Spain

**Explorer 2.0: A New Multi Matrix Screening Test for the Analysis of Antimicrobial Residues in Offal (Liver and Kidney), Eggs, and Feed**  
**PRESENTER:** Pedro Razquin, ZEU - IMMUNOTEC, Zaragoza, Aragon, Spain  
**CO-AUTHORS:** D. Sanz, L. Mata, ZEU - IMMUNOTEC, Zaragoza, Aragon, Spain

**Comparison of ELISA and LC/MS/MS for the Measurement of Flunixin Plasma Concentrations in Beef Cattle After Intravenous and Subcutaneous Administration**  
**PRESENTER:** Weilin Shelver, U.S. Department of Agriculture, Agricultural Research Service, Fargo, ND, USA  
**CO-AUTHORS:** L. Tell, Kansas State University, Department of Anatomy and Physiology, Manhattan, KS, USA; S. Wagner, North Carolina State University, Population Health and Pathobiology, Raleigh, NC, USA; S. Wetzlich, North Dakota State University, Fargo, ND, USA; R. Baynes, U.S. Department of Agriculture, Agricultural Research Service, Fargo, ND, USA; J. Riviere, D. Smith, University of California, Davis, Medicine and Epidemiology, Davis, CA, USA
Application of Kidney Inhibition Swab Tests to Evaluate Penicillin-G Residues in Sow Tissues and Body Fluids Following Intramuscular Injection of Penicillin-G Procaine
PRESENTER: Weilin Shelver, U.S. Department of Agriculture, Agricultural Research Service, Fargo, ND, USA
CO-AUTHORS: S. Lupton, National Pork Board, Des Moines, IA, USA; D. Newman, North Dakota State University, Fargo, ND, USA; S. Larsen, D. Smith, U.S. Department of Agriculture, Agricultural Research Service, Fargo, ND, USA

Determination of Sulfur in Canola Seed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)
PRESENTER: Li Sheng, EPL Bio Analytical Services, Niantic, IL, USA

Novel Engineered Carbon Sorbent Materials for Use in Sample Preparation
PRESENTER: Jonathan Thompson, United Science Corporation, Center City, MN, USA
CO-AUTHORS: C. Smith, Gustavus Adolphus College, Department of Chemistry, St. Peter, MN, USA; D. Stoll, United Science Corporation, Center City, MN, USA

Pesticide Analysis Using Automated QuEChERS: The Determination of Pesticides in Wine
PRESENTER: Tyler Trent, Teledyne Tekmar, Mason, OH, USA
CO-AUTHORS: T. Hartlein, Teledyne Tekmar, Mason, OH, USA

Microbiological Methods
Comparison of a One-Step RT-qPCR and a Nested qPCR for Detection of Genogroup II Noroviruses in Diluted Fecal Samples
PRESENTER: Clyde Manuel, North Carolina State University, Department of Food, Bioprocessing, and Nutrition Sciences, Raleigh, NC, USA
CO-AUTHORS: L. Jaykus, North Carolina State University, Department of Food, Bioprocessing, and Nutrition Sciences, Raleigh, NC, USA

In Situ Preparation of Standard Material of Viable Single-Cells for Innovative Validation of Microbiological Methods
PRESENTER: Hideaki Matsuoka, Tokyo University of Agriculture and Technology, Department of Biotechnology and Life Science, Tokyo, Japan
CO-AUTHORS: N. Takatani, T. Yoshida, M. Saito, National Institute of Health Sciences, Division of Biomedical Food Research,Tokyo, Japan; S. Igimi, Tokyo University of Agriculture and Technology, Department of Biotechnology and Life Science, Tokyo, Japan

Evaluation of Some PCR-Based Molecular Diagnostic Assays That Can Rapidly Detect and Differentiate the Human-Pathogenic Cronobacter Species: A Public Health Importance
PRESENTER: Irshad Sulaiman, U.S. Food and Drug Administration, SRL Microbiology Branch, Atlanta, GA, USA
CO-AUTHORS: N. Miranda, E. Jacobs, S. Simpson, U.S. Food and Drug Administration, Microbiology Branch, Atlanta, GA, USA; K. Kerdahi, U.S. Food and Drug Administration, SRL Microbiology Branch, Atlanta, GA, USA

Water and Waste Water Analysis
Optimized Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) Approach for the Determination of Diquat and Paraquat Herbicides
PRESENTER: Chunyan Hao, Ontario Ministry of the Environment, Etobicoke, ON, Canada
CO-AUTHORS: X. Zhao, D. Morse, P. Yang, V. Taguchi, F. Morra, Ontario Ministry of the Environment, Etobicoke, ON, Canada

Analysis of Targeted and Non-Targeted Identified Contaminants in Storm Water Retention Ponds Using LC-HRMS with Online Solid Phase Extraction
PRESENTER: Jennifer Massi, Thermo Fisher Scientific, San Jose, CA, USA
CO-AUTHORS: G. Getzinger, P. Ferguson, Duke University, Department of Civil and Environmental
General Pharmaceutical Analysis and Evaluation

Approaching USP Method 233—Results of Sample Preparation and Analysis of Several Pharmaceutical Sample Types
PRESENTER: Jason Keith, CEM Corporation, Matthews, NC, USA
CO-AUTHORS: D. Iversen, E. Hasty, T. Restivo, I. Mrvalj, CEM Corporation, Matthews, NC, USA

Tuesday, August 27, 2013
Poster Viewing 10:00 am – 5:00 pm
Author Presentations 11:30 am – 1:00 pm

Food Nutrition and Food Allergens

Iodide and Iodate in Soy- and Milk-Based Infant Formulas
PRESENTER: Lipika Basumallick, Thermo Fisher Scientific, Sunnyvale, CA, USA
CO-AUTHORS: J. Rohrer, Thermo Fisher Scientific, Sunnyvale, CA, USA

Analysis of Vitamin B₁₂, Folic Acid, and Biotin in Animal Feed Using Immunoaffinity Columns Cleanup Prior to UV-HPLC
PRESENTER: Simon Bevis, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK
CO-AUTHORS: R. Lekh, M. Gallagher, C. Milligan, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK

Simultaneous Analysis of Vitamin B₁₂, Folic Acid and Biotin in a Variety of Samples Using Immunoaffinity Column Cleanup Prior to UV-HPLC
PRESENTER: Simon Bevis, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK
CO-AUTHORS: J. Mackie, C. Milligan, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK

Analysis Vitamin B₁₂ Using Immunoaffinity Column Cleanup Prior to UV-HPLC as per AOAC First Action Method 2011.10
PRESENTER: Simon Bevis, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK
CO-AUTHORS: R. Lekh, M. Gallagher, C. Milligan, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK

Hazelnut Detection in Food: Effect of Thermal Treatment
PRESENTER: Angelo Ferrari, Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d’Aosta (IZSPLV), Genova, Italy

New Rapid Assay Can Detect Gluten in Raw Ingredients, Surfaces, CIP and Finished Products Down to 5 ppm in Under 10 Minutes
PRESENTER: Thomas Grace, Bia Diagnostics LLC, Burlington, VT, USA
CO-AUTHORS: L. Emerson-Mason, T. Massey, Bia Diagnostics LLC, Burlington, VT, USA

RIDASCREEN®FAST Soya (R7102) Sandwich ELISA to Detect Traces of Soya in Native and Processed Food
PRESENTER: Sigrid Haas-Lauterbach, R-Biopharm AG, Darmstadt, Germany
CO-AUTHORS: R. Niemeijer, S. Lindeke, U. Immer, T. Weiss, R-Biopharm AG, Darmstadt, Germany

Advanced ELISA Test Kits for Detection of Food Allergens Using a Very Fast and Convenient Extraction Method
PRESENTER: Elisabeth Halbmayr-Jech, Romer Labs Division Holding GmbH, Tulln, Austria
CO-AUTHORS: A. Rogers, Ifp, Berlin, Germany; L. Frank, Romer Labs Division Holding GmbH, Tulln, Austria; M. Röder, T. Hein, Romer Labs UK Ltd, Cheshire, UK

Enzymatic Food Analysis in a Microtiter Plate Format
PRESENTER: Elisabeth Halbmayr-Jech, Romer Labs Division Holding GmbH, Tulln, Austria
CO-AUTHORS: L. Frank, Ifp, Berlin, Germany; A. Klink, T. Hein, Romer Labs Division Holding GmbH, Tulln, Austria

How to Determine the Limit of Detection for Allergen Measurements
PRESENTER: Marcus Lacorn, R-Biopharm AG, Darmstadt, Germany
CO-AUTHORS: S. Haas-Lauterbach, U. Immer, T. Weiss, R-Biopharm AG, Darmstadt, Germany

Automated Determination of Total Fat, Saturated Fat, Monounsaturated Fat and trans Fat Content in Food Samples
PRESENTER: Edward Pfannkoch, GERSTEL, Incorporated, Linthicum, MD, USA
CO-AUTHORS: J. Stuff, J. Whitecavage, GERSTEL, Incorporated, Linthicum, MD, USA
LC-MS Screening Method for the Simultaneous Detection of Multiple Plant-Based Allergens and Gluten
PRESENTER: Jennifer Sealey Voyksner, LCMS Limited, Durham, NC, USA
CO-AUTHORS: R. Voyksner, Agilent Technologies, Wilmington, DE, USA; J. Zweigenbaum, LCMS Limited, Durham, NC, USA

Analysis of Fluoride Content in Infant Formula by GC-FID
PRESENTER: Darryl Sullivan, Covance Laboratories Incorporated, Madison, WI, USA
CO-AUTHORS: R. Connelly, J. Eckes, M. Feller, V. Spencer, Covance Laboratories Incorporated, Madison, WI, USA

Comparison of Fat Extraction Methods for Analysis of Meat
PRESENTER: Darryl Sullivan, Covance Laboratories Incorporated, Madison, WI, USA
CO-AUTHORS: S. Habeck, B. Mitchell, Covance Laboratories Incorporated, Madison, WI, USA

Determination of Total Desulfoglucosinolates in Canola Seed by Ultra High Performance Liquid Chromatography with Ultraviolet Detection
PRESENTER: Sean White, EPL Bio Analytical Services, Niantic, IL, USA

Carbohydrate Analysis by HPLC I, An Introduction
PRESENTER: Xun Yan, AMWAY, Ada, MI, USA

Carbohydrate Analysis by HPLC II, Applications
PRESENTER: Xun Yan, AMWAY, Ada, MI, USA

Emerging Issues in Food Safety and Security
Feed is Food: Occurrence of Salmonella in Pet Food Demonstrating the Need for Routine Surveillance for Zoonotic Disease Causing Pathogens in Animal Feed
PRESENTER: Ted Gatesy, Michigan Department of Agriculture and Rural Development, East Lansing, MI, USA
CO-AUTHORS: K. McWilliams Wilson, F. Mohrke, S. Benko, K. Pietrzen, Michigan Department of Agriculture and Rural Development, East Lansing, MI, USA

Improved Sample Preparation Methods for Biophysical and Biochemical Characterization of Contaminants in Food by HPLC/LCMS
PRESENTER: Sam Ellis, Thomson Instrument Company, Oceanside, CA, USA

24-Hour Test System for the Detection of Salmonella spp. in Pet Food
PRESENTER: Zheng Jiang, Romer Labs, Incorporated, Newark, DE, USA
CO-AUTHORS: M. Sutzko, Romer Labs, Incorporated, Newark, DE, USA

Analysis of 2- and 4-Methylimidazole in Beverages, Condiments, and Foods by LC-MS/MS
PRESENTER: Ryan Picou, Eurofins Central Analytical Laboratories, Metairie, LA, USA
CO-AUTHORS: H. Lee, G. Choi, D. Kim, National Academy of Agricultural Science, Suwon, Gyeonggi-do, Republic of Korea

Carbohydrate Analysis by HPLC I, An Introduction
PRESENTER: Xun Yan, AMWAY, Ada, MI, USA

Carbohydrate Analysis by HPLC II, Applications
PRESENTER: Xun Yan, AMWAY, Ada, MI, USA

Ammonia in Tobacco Smoke
PRESENTER: Lipika Basumallick, Thermo Fisher Scientific, Sunnyvale, CA, USA
CO-AUTHORS: J. Rohrer, Thermo Fisher Scientific, Sunnyvale, CA, USA

Validation for the Determination of Biuret in Water-Soluble, Urea-Based Commercial Inorganic Fertilizer Materials Urea Solutions, and Sulfur Coated Urea Products by Reversed-Phase Liquid Chromatography: Extension of AOAC Method 2003.14
PRESENTER: Michael Hojjatie, Tessenderlo Kerley, Incorporated, Tucson, AZ, USA
CO-AUTHORS: D. Abrams, Tessenderlo Kerley, Incorporated, Tucson, AZ, USA
After Accreditation, What Is Next? How to Improve Efficiency Through Lean and Continual Improvement
PRESENTER: Irene Grabowski, Business System Solutions, LLC, Dearborn, MI, USA

Validation of Accelerated and Ambient Methodologies to Characterize Nutrient Release of Slow and Controlled Release Fertilizers
PRESENTER: William Hall, Mosaic Fertilizer, LLC, Lithia, FL, USA
CO-AUTHORS: C. Medina, Monsanto Co., St. Louis, MO, USA

Study of Fertilizer Raw Material Sizing and Its Effects on Blending, Sampling and Spreading of Bulk Blend Fertilizers
PRESENTER: William Hall, Mosaic Fertilizer, LLC, Lithia, FL, USA
CO-AUTHORS: H. Falls, S. Siegel, CF Industries, Plant City, FL, USA

Comparison of Four Methods of Analysis for Total P$_2$O$_5$ in High Analysis Phosphate Fertilizers
PRESENTER: William Hall, Mosaic Fertilizer, LLC, Lithia, FL, USA
CO-AUTHORS: S. Siegel, CF Industries, Plant City, FL, USA

Development of a New Semi-Quantitative Lateral Flow Comb Using a New Portable Lateral Flow Device Reader
PRESENTER: Donna Houchins, Romer Labs, Incorporated, Union, MO, USA
CO-AUTHORS: A. Schiessl, Romer Labs Division Holding GmbH, Tulln, Austria; M. Prinster, Romer Labs Incorporated, Union, MO, USA

Overcoming Matrix Effects in Fertilizer Total S by Using Combustion Elemental Analysis with Absorption/Desorption Chromatography
PRESENTER: Sandra Hughes, Iowa State University, Mount Laurel, NJ, USA
CO-AUTHORS: J. Bartos, S. Kraus, Elementar Analysensysteme GmbH, Hanau, Germany; D. Margraf, N. Newlon, Office of Indiana State Chemist, Fertilizer/Trace/Proximate Laboratory Section, West Lafayette, IN, USA

Simultaneous Determination of Na, Mg, P, K, Ca, Cr, Mn, Fe, Cu, Zn, Se, and Mo in Nutritional Products by Inductively Coupled Plasma Mass Spectrometry
PRESENTER: Lawrence H. Pacquette, Abbott Nutrition, Global Research Services, Columbus, OH, USA
CO-AUTHORS: Andre Szabo, Joseph J. Thompson, Abbott Nutrition, Global Research Services, Columbus, OH, USA

Analytical Method to Determine Glabridin Content Through UPLC Analysis
PRESENTER: Denise Skok-Vaughan, AMWAY, Ada, MI, USA

WEDNESDAY, AUGUST 28 2013
Poster Viewing 10:00 am – 5:00 pm
Author Presentations 11:30 am – 1:00 pm

Authenticity
The DNA Barcode Based Methods as Tool to Guarantee the Correct Fish Identification
PRESENTER: Angelo Ferrari, University of Genova, Dipartimento di Chimica e Chimica Industriale (DICCI), Genova, Italy

A Locked Nucleic Acid RT-PCR Assay for the Detection of Non-Edible Pine Nut Species in Mixed Samples
PRESENTER: Sara M. Handy, U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition, College Park, MD, USA
CO-AUTHORS: R. Timme, J. Deeds, U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition, College Park, MD, USA

Adulteration of Extra Virgin Olive Oil
PRESENTER: Kevin P. Menard, PerkinElmer, Incorporated, Thermal and Elemental Analysis, Denton, TX, USA
CO-AUTHORS: B. Menard, PerkinElmer, Incorporated, Brighton, UK; S. Palmer, University of North Texas, LAPOM Research Group, Denton, TX, USA

Adulteration of Extra Virgin Olive Oil
PRESENTER: Kevin P. Menard, PerkinElmer, Incorporated, Thermal and Elemental Analysis, Denton, TX, USA
CO-AUTHORS: B. Menard, PerkinElmer, Incorporated, Brighton, UK; S. Palmer, University of North Texas, LAPOM Research Group, Denton, TX, USA
Botanicals and Dietary Supplements

Analysis of Curcuminoids in Foods, Additives and Supplements Evaluated Using Rapid HPLC with EC, UV and FL Detection
PRESENTER: Ian Acworth, Thermo Scientific, Chelmsford, MA, USA
CO-AUTHORS: Q. Zhang, Thermo Scientific, Chelmsford, MA, USA

Profiling Hoodia Extracts by HPLC with Charged Aerosol Detection and Electrochemical Array Detection and Pattern Recognition
PRESENTER: Ian Acworth, Thermo Scientific, Chelmsford, MA, USA
CO-AUTHORS: M. Roman, Tampa Bay Analytical Research, Incorporated, Largo, FL, USA; D. Thomas, Thermo Scientific, Chelmsford, MA, USA

Novel, Universal Approach for the Measurement of Natural Products in a Variety of Botanicals and Supplements
PRESENTER: Ian Acworth, Thermo Scientific, Chelmsford, MA, USA
CO-AUTHORS: M. Roman, Tampa Bay Analytical Research, Incorporated, Largo, FL, USA; D. Thomas, Thermo Scientific, Chelmsford, MA, USA

The Use of Gradient HPLC with Coulometric Electrochemical Array Detection and Pattern Recognition to Study Botanical Authenticity
PRESENTER: Ian Acworth, Thermo Scientific, Chelmsford, MA, USA
CO-AUTHORS: Q. Zhang, Thermo Scientific, Chelmsford, MA, USA

Release 2 of the Dietary Supplement Ingredient Database: National Estimates for Adult and Children’s Multivitamins
PRESENTER: Karen W. Andrews, U.S. Department of Agriculture, Nutrient Data Lab/Beltsville Human Nutrition Research Center, Beltsville, MD, USA

The NIH/ODS Analytical Methods and Reference Materials Program: Accomplishments and Future Directions
PRESENTER: Joseph M. Betz, U.S. National Institutes of Health, Office of Dietary Supplements, Bethesda, MD, USA
CO-AUTHORS: L. Saldanha, B. Sorkin, P. Coates, U.S. National Institutes of Health, National Cancer Institute, Bethesda, MD, USA; G. Cragg, U.S. National Institutes of Health, Office of Dietary Supplements, Bethesda, MD, USA

Questionable Quality of Commercial Bilberry Extracts
PRESENTER: Amitab Chandra, AMWAY, Ada, MI, USA
CO-AUTHORS: Y. Li, AMWAY, Shanghai, China; K. Persons, AMWAY, Ada, MI, USA; S. Shen, AMWAY, Lakeview, CA, USA

Phosphatidylcholine (PC) in Total Phospholipids by TLC for Lecithin Tablets
PRESENTER: Connie Choi, Nutrilite, Buena Park, CA, USA
CO-AUTHORS: C. Hyun, AMWAY, Ada, MI, USA; X. Yan, Nutrilite, Buena Park, CA, USA

Determination of Fatty Acids in Nutraceuticals by GC
PRESENTER: Chung Hyun, Nutrilite, Buena Park, CA, USA
CO-AUTHORS: C. Choi, M. Dan, Nutrilite, Buena Park, CA, USA

Skin Lightening Activity of Aqueous Extract of Ceasalpina spinosa
PRESENTER: Becky Miller, AMWAY, Ada, MI, USA
CO-AUTHORS: T. Li, AMWAY, Ada, MI, USA; J. Han, S. Shen, Y. Li, AMWAY, Shanghai, China; J. Rana, G. Diwakar, J. Scholten, AMWAY, Lakeview, CA, USA

Watersoluble B – Vitamin Determination in Energy and Power Bars with Immunoaffintiy Columns and Microbiological Tests
PRESENTER: Ronald Niemeijer, R-Biopharm AG, Darmstadt, Germany
CO-AUTHORS: S. Stengl, G. Young, E. Marley, Ifp, Berlin, Germany; W. Weber, R-Biopharm AG, Darmstadt, Germany; S. Burkhart, R-Biopharm Rhone Limited, Glasgow, UK

Total Quality Control of American Native Echinacea purpurea and Echinacea angustifolia: From Tongue Tingling to UPLC Fingerprinting
PRESENTER: Dale Schipper, AMWAY, Ada, MI, USA
CO-AUTHORS: J. Balles, AMWAY, Ada, MI, USA; J. Rana, N. Stern, Nutrilite, Lakeview, CA, USA

Quantitative Determination of Steviol Glycosides (Stevia sweetener)
PRESENTER: Fabien Scorza, CAMAG Scientific, Inc., Wilmington, NC, USA
Evaluation of Glucosinolates and Isothiocyanates in *Brassica* spp. by UPLC
PRESENTER: Nathan Stern, AMWAY, Ada, MI, USA
CO-AUTHORS: A. Chandra, D. Schipper, AMWAY, Ada, MI, USA; D. Pusateri, Nutrilite, Lakeview, CA, USA

A Novel Approach for HPLC to UPLC Method Conversion for Natural Products
PRESENTER: Nathan Stern, AMWAY, Ada, MI, USA
CO-AUTHORS: P. Chen, M. Mathis, AMWAY, Ada, MI, USA; A. Chandra, Nutrilite, Buena Park, CA, USA

Adulterated Ginkgo Extracts in Commercial Finished Products
PRESENTER: Nathan Stern, AMWAY, Ada, MI, USA
CO-AUTHORS: Y. Li, AMWAY, Ada, MI, USA; A. Chandra, K. Persons, Nutrilite, Lakeview, CA, USA

Characterization and Determination of Digalacyosyl Diglycerides in Wheat Ceramides
PRESENTER: Douglas Vredeveld, AMWAY, Ada, MI, USA
CO-AUTHORS: X. Yan, A. Chandra, AMWAY, Ada, MI, USA; Y. Li, AMWAY, Buena Park, CA, USA

Detection and Measurement of Natural Toxins

Screening of Plant and Fungal Metabolites in Wheat, Corn and Animal Feed Using Automated Online Sample Cleanup Coupled to High Resolution Mass Spectrometry
PRESENTER: Ebru Ates, Thermo Fisher Scientific, Dreieich, Hessen, Germany
CO-AUTHORS: M. Godula, Thermo Fisher Scientific, Dreieich, Hessen, Germany; K. Bousova, Thermo Scientific, Prague, Czech Republic

Simultaneous Determination of Total Aflatoxin, Ochratoxin A and Zearalenone Using AO ZON PREP® in Conjunction with HPLC
PRESENTER: Simon Bevis, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK
CO-AUTHORS: R. Lekh, M. Gallagher, C. Milligan, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK

Simultaneous Determination of Total Aflatoxin, Ochratoxin A and Fumonisins Using AOF MS-PREP® in Conjunction with LC-MS/MS
PRESENTER: Simon Bevis, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK
CO-AUTHORS: D. Leeman, C. Milligan, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK

Validation of an Automated System for Aflatoxins in a Range of Samples Using Online Immunoaffinity Cartridges in Conjunction with HPLC
PRESENTER: Simon Bevis, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK
CO-AUTHORS: R. Rhemrev, E. Marley, C. Donnelly, R-Biopharm Rhone Limited, Glasgow, Lanarkshire, UK

AOAC RI Performance Tested Method™ Certification for Three Quantitative Mycotoxin Lateral Flow Assays
PRESENTER: Alan Davis, EnviroLogix Incorporated, Portland, ME, USA
CO-AUTHORS: C. Bailey, R. Roberts, A. Albert, A. Davis, EnviroLogix Incorporated, Portland, ME, USA

Polytron Versus Geno/Grinder: Analysis of DSP Toxins in Oysters
PRESENTER: Gale Hagood, Mississippi State Chemical Laboratory, Mississippi State, MS, USA
CO-AUTHORS: C. Foster, A. Meredith, D. Sparks, A. Brown, U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition, Dauphin Island, AL, USA; A. Robertson, Mississippi State University, Mississippi State Chemical Laboratory, Mississippi State, MS, USA

Mycotoxins in Food and Feed: Validation of Quantitative LFD Tests
PRESENTER: Donna Houchins, Romer Labs, Incorporated, Union, MO, USA
CO-AUTHORS: A. Schiessl, B. Cvak, Romer Labs Division Holding GmbH, Tulln, Austria; M. Zheng, Romer Labs Singapore Pte. Ltd., Singapore; M. Prinster, Romer Labs, Incorporated, Union, MO, USA

The Use of Microflow UHPLC in Mycotoxin Analysis
PRESENTER: Stephen Lock, AB SCIEX, Pudsey, West Yorkshire, UK

ToxiMet System for the Analysis of Mycotoxins and Other Food Toxins
PRESENTER: Siro Perez, ToxiMet Limited, Sittingbourne, Kent, UK
CO-AUTHORS: R. Coker, ToxiMet Limited, Sittingbourne, Kent, UK

Stable 13C-Labeled Internal Standards and a Novel Cleanup to Improve Accuracy and Sensitivity of Mycotoxin LC-MS/MS Methods
PRESENTER: Alois Schiessl, Romer Labs, Incorporated, Union, MO, USA
CO-AUTHORS: D. Houchins, C. Brewe, M. Prinster, Romer Labs, Incorporated, Union, MO, USA

Multivariate Optimization of a Solid Phase Extraction Method for Ochratoxin A in Wine and Beer Samples Prior to UPLC-MS/MS
PRESENTER: Victor Vandell, Biotage, Charlotte, NC, USA
CO-AUTHORS: L. Mariño Repizo, S. Cerutti, J. Raba, Biotage, Charlotte, NC, USA; F. Kero, W. Hartsock, Universidad Nacional de San Luis, San Luis, Ejercito de Los Andes, Argentina