

## FINAL PROGRAM POSTER LISTING

**Monday, September 19, 2011**

Poster Viewing 10:00 am – 5:00 pm

Author Presentations 11:30 am – 1:00 pm

### **Analysis of Foodborne Contaminants and Residues**

- P-M101 **Kande Amarasinghe**, U.S. Food and Drug Administration  
A Rapid Screening Method for the Detection of Methyltestosterone-17-O-Glucuronide in Tilapia
- P-M102 **Kaushik Banerjee**, National Research Centre for Grapes  
Multiresidue Determination of More Than 375 Chemicals Including Pesticides, PAHs and PCBs using Gas Chromatography Tandem Mass Spectrometry
- P-M103 **Kaushik Banerjee**, National Research Centre for Grapes  
Validation of a Multiresidue Method for Simultaneous Analysis of 45 Mycotoxins in Grape, Raisin and Wine
- P-M104 **Lipika Basumallick**, Dionex Corporation  
Sensitive Determination of Hydroxymethyl Furfural in Honey and Fructose
- P-M105 **Simon Bevis**, R-Biopharm Rhone  
the Analysis of Honey for the Presence of Chloramphenicol using Immunoaffinity Columns
- P-M106 **Scarlett Biselli**, Eurofins WEJ Contaminants GmbH  
Analysis of Penicillins and Cephalosporins in Milk using LC-MS/MS
- P-M107 **Eun-Jin Choi**, Seoul Regional Korea Food and Drug Administration  
Application of Thermoluminescence, Electron Spin Resonance, and GC/MS Methods to Irradiated Foods
- P-M108 **Matthew Clarke**, Randox Laboratories Ltd.  
Application of an Evidence Biochip Array to the Simultaneous Screening of Fifteen Sulphonamides and Trimethoprim in Different Food Matrices
- P-M110 **Tom Dobbs**, J2Scientific  
Fully Automated Multi-step Cleanup of Tissues for PAH Analysis
- P-M111 **Lucia Geis-Asteggiante**, Facultad de Química; UdelaR  
Effects of Temperature in QuEChERS
- P-M112 **Zoe Grosser**, PerkinElmer, Inc.  
Rapid Analysis of Pesticides in Different Food Matrices Using a Direct Sampling Analysis (DSA) Source TOF Mass Spectrometry
- P-M113 **Xiaorong Huang**, Fujian Entry-Exit Inspection and Quarantine Bureau

The Study of Fluoroquinolones Residues Determination by Sensitization of *Escherichia coli* with Efflux Pump Inhibitors

- P-M114 **K. Seunghui**, Animal, Plant & Fisheries Quarantine & Inspection Agency  
Monitoring of Imported Irradiated Livestock Products using Gas Chromatographic-Mass Spectrometric Analysis
- P-M115 **Jason Keith**, CEM Corporation  
High Throughput Food Sample Preparation for Metals Analysis
- P-M116 **Sooyeon Kim**, Animal, Plant and Fisheries Quarantine and Inspection Agency, Seoul Regional Office  
Determination of Pesticide Residues in Eggs by Gas Chromatography Tandem Mass Spectrometry
- P-M117 **Che-Yang Lin**, Taiwan Food and Drug Administration  
Simultaneous Determination of Multiclass Veterinary Drug Residues in Porcine Liver by Liquid Chromatography-Electrospray Tandem Mass Spectrometry
- P-M118 **Brian Musselman**, IonSense, Inc.  
Rapid Screening of Surfaces for Pesticides using Direct Analysis in Real Time (DART)-Mass Spectrometry: Identifying Interesting Samples in Seconds
- P-M119 **Yang Shi**, Thermo Fisher Scientific  
Screening Method for 30 Pesticides in Green Tea Extract using Automated Online Sample Preparation with LC-MS/MS
- P-M120 **Olga Shimelis**, Supelco/Sigma-Aldrich  
A New Quechers Dispersive SPE Material and Method for Analysis of Veterinary Drug Residue by LC-MS-MS
- P-M121 **Wei Song**, U.S. Food and Drug Administration  
Simultaneous Determination of Sixteen Hormones in Finfish Muscle Tissue by LC-MS/MS
- P-M122 **Jinyuan (Leo) Wang**, Dionex Corporation  
Quantitative Determination of Ultra-trace Level N-Methyl Carbamates in Rice Samples by Accelerated Solvent Extraction and Ultra-high Performance Liquid Chromatography Tandem Mass Spectrometry
- P-M123 **Charles Yang**, Thermo Fisher Scientific  
Utilization of High Resolution LC-MS for Screening and Quantitative Analysis of Pesticides in Food Matrix using a Q Exactive Bench Top Orbitrap Platform
- P-M124 **Michael S. Young**, Waters Corporation  
Effective Sample Preparation for Multi-Residue LC-MS Screening of Veterinary Drugs in Meat and Milk

## Analysis of Non-Foodborne Contaminants and Residues

- P-M201 **Wendy C. Andersen**, U.S. Food and Drug Administration  
Fast Analysis of Quinolones in Fish by LDTD-APCI-MS/MS
- P-M202 **Sami Bayouhdh**, POLYINTELL  
New Clean-Up Method for Trace Analysis of Phenolic Endocrine Disruptor Compounds Like Bisphenol A and Estrogens using Selective SPE Based On Molecularly Imprinted Polymers
- P-M203 **Scarlett Biselli**, Eurofins WEJ Contaminants GmbH  
Non-Permitted Colors in Spices – Permitted Colors in Food – A Method to Quantify Dyes
- P-M204 **Jennifer Burgess**, Waters Corporation  
Analysis of BisPhenol A in Baby Food and Infant Formula Using UPLC/MS/MS
- P-M205 **Sheng-Suan (Victor) Cai**, Syagen Technology, Inc  
QuEChERS-based UHPLC-APPI-MS Method for High-Sensitivity and High-Throughput Analysis of U.S. EPA Sixteen Priority Pollutants Polynuclear Aromatic Hydrocarbons in Oyster
- P-M206 **Tomas Cajka**, Institute of Chemical Technology  
Rapid Control of Multiple Pesticide Residues in Tea using Gas Chromatography–Tandem Mass Spectrometry (GC–MS/MS)
- P-M207 **Xu-Liang Cao**, Health Canada  
Occurrence of Bisphenol A in Total Diet Food Samples and Dietary Intake Estimates
- P-M208 **Jack C. Cappozzo**, Institute for Food Safety & Health at the Illinois Institute of Technology  
Evaluation of an Automated QuEChER Sample Preparation System Linked to LC-MS/MS for the Analysis of Pesticides from Botanicals
- P-M209 **Kendra Cox**, Hitachi High Technologies America  
Rapid Analysis of Bisphenol A and Related Materials by LC-MS
- P-M210 **James Morphet**, Waters Corporation  
Food Packaging Migration – Direct Injection (ASAP) and LC Analyses, Using QT of F MS
- P-M211 **Jana Hajslova**, Institute of Chemical Technology, Prague  
Development and Validation of Multi-Detection Method for Simultaneous Analysis of Pesticides and Mycotoxins in Food
- P-M212 **Li Huang**, Silliker JR Laboratories, ULC  
Determination of Non-steroidal Anti-inflammatory Drugs (NSAIDs), Hormones and Corticosteroids Drug Residues in Animal Tissue and Animal-derived foods by LCMSMS

- P-M213 **Curt Jarand**, Eurofins Central Analytical Laboratories  
Development of a UPLC-ESI Ion Trap Method for the Analysis of Flavomycin in Tissue
- P-M214 **Curt Jarand**, Eurofins Central Analytical Laboratories  
Development of An HPLC-MS/MS Method for the Analysis of Fosetyl-Aluminum in Powdered Food Products
- P-M215 **Julie Kowalski**, Restek Corp.  
Comprehensive Screening of PAHs in Sugar Cane Products with Sweet Separations using an Rxi-17Sil MS Column, GC-SIM MS and GCxGC-TOFMS
- P-M216 **Julie Kowalski**, Restek Corp.  
The QuEChERS Extraction Approach and GC-MS for PAHs, Pesticides, and PCBs in Seafood
- P-M217 **Kenneth Lynam**, Agilent Technologies  
Progress in Capillary GC Columns and Inlet Liners Inertness Performance
- P-M218 **Jessica Netzer**, J2Scientific  
Fully Automated Extraction of Bisphenol A from Drinking Water
- P-M219 **Ryan Picou**, Eurofins Central Analytical Laboratories  
Evaluation of Pesticide Residues in a Variety of Fatty Food Products
- P-M220 **Jana Pulkrabova**, Institute of Chemical Technology, Prague  
Analysis of Brominated Flame Retardants Including Emerging Compounds in Fish and Seafood using GC-MS/MS
- P-M221 **Sarah Ruiz**, Eurofins Central Analytical Laboratories  
Effects of Sugar and Fibrous Material on Pesticide Residue Recoveries for Low-Moisture Sample Matrices
- P-M222 **Andre Schreiber**, AB SCIEX  
Multi Residue Pesticide Screening and Identification in Food using LC-MS/MS with Library Searching
- P-M223 **Andre Schreiber**, AB SCIEX  
Non-Targeted Screening for Food Residues using High Resolution Accurate Mass LC-MS/MS and Statistical Data Processing
- P-M224 **Andre Schreiber**, AB SCIEX  
Verification of MS/MS Library Searching using Different LC-MS/MS Systems for Comprehensive Pesticide Screening
- P-M225 **Matt Trass**, Phenomenex  
Determination of Phthalates, Including DEHP, by LC/MS/MS and GC/MS to Aid in Food Safety Analysis
- P-M226 **Matt Trass**, Phenomenex

Improved Analytical Method for the LC/MS/MS Analysis of Chloramphenicol in Shrimp

- P-M227 **Matt Trass**, Phenomenex  
Ultra-Fast Analysis of Contaminant Residue from Propolis by LC/MS/MS using SPE
- P-M228 **Jian Wang**, Canadian Food Inspection Agency  
The Challenges of Developing a Generic Extraction Procedure to Analyze Multi-class Veterinary Drugs in Milk and Honey using Ultra-high Pressure Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry
- P-M229 **Jian Wang**, Canadian Food Inspection Agency  
The Determination of 155 Pesticide Residues in Grains Using Ultra-High Performance Liquid Chromatography Tandem Mass Spectrometry and Ultra-High Pressure Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry
- P-M230 **Jon Wong**, U.S. Food and Drug Administration  
Applications of UHPLC-Single Stage Orbitrap Mass Spectrometry for Targeted and Non-Targeted Screening of Pesticides in Agricultural Commodities
- P-M231 **Michael S. Young**, Waters Corporation  
Optimized Sample Preparation Procedures for LC-Fluorescence Screening and GC-MS (MS) Confirmation of PAH in Seafood

## Microbiological Methods

- P-M301 **Marcia Armstrong**, QIAGEN GmbH  
Detection of *Salmonella* spp in chocolate matrices using mericon™ assays and the QIAGEN QIASymphony RGQ™
- P-M302 **Lisa John**, Merck Millipore  
Evaluation of the Merck Duopath *Cereus* Enterotoxins and Singlepath Emetic TOX MRK Qualitative Assays for the Rapid Detection of Enterotoxins and Emetic Toxins produced by *Bacillus cereus* in Food
- P-M303 **Patricia Kucinski**, AES CHEMUNEX  
ADIAFOOD'S Simultaneous Detection of *Salmonella* spp. and *E. coli* O157:H7 in Raw Meat Products
- P-M304 **Patricia Kucinski**, AES CHEMUNEX  
*Listeria* Spp Environment Detection Kit, A Complete Solution Adapted to Laboratory Workflow
- P-M305 **Tina Lusk**, U.S. Food and Drug Administration  
Comparison of DNA Extraction Methods for the Detection of *Brucella* spp. in Various Milk Products
- P-M306 **Hideaki Matsuoka**, Tokyo University of Agriculture and Technology  
Feasibility of Single-Cell Sorting for the *in situ* Preparation of Definite Small Number of Viable Microbial Cells
- P-M307 **Mark Mozola**, Neogen Corporation  
Soleris NF-TVC Method for Rapid, Semi-Quantitative Determination of Total Aerobic Microflora in Foods
- P-M308 **Mark T. Muldoon**, SDIX  
Development of a 24-Hour, Immunochromatographic Test Strip-Based Method for the Detection of *Listeria* spp. on Environmental Surfaces
- P-M309 **Tim Muruvanda**, U.S. Food and Drug Administration  
A Carbon Nanotube-based Biosensor for the Detection of Botulinum Toxin in Foods
- P-M310 **Ronald Niemeijer**, R-Biopharm AG  
RIDA@COUNT Yeast & Mold Rapid – Modern Technology of Cultivation and Detection for Rapid and Easy Enumeration of Yeasts and Molds in Food
- P-M311 **Holger Schoenenbruecher**, Merck Millipore  
Comparison of Two Commercial Real-Time PCR Systems with Culture Methods for the Detection of *Salmonella* Spp. in Environmental and Fecal Samples of Poultry
- P-M312 **Holger Schoenenbruecher**, Merck Millipore  
Validation of the Rapidcult *E. coli* Enrichment Broth for the Detection of *E. coli* O157 in Pooled Ground Beef and Beef Trims
- P-M313 **Leonard M. Sidisky**, Supelco/Sigma-Aldrich

Rapid Detection of *Clostridium perfringens* by a New Chromogenic Media

- P-M314 **Leonard M. Sidisky**, Supelco/Sigma-Aldrich  
Validation of Shorter Enrichment Time for *Salmonella enterica* subsp. *enterica* in Peanut Butter Samples followed by a RRNA Detection System
- P-M315 **Danièle Sohier**, ADRIA  
Real-time PCR method to Detect Salmonella in Primary Production Samples: Certification according to the ISO16140 Standard
- P-M316 **Irshad Sulaiman**, U.S. Food and Drug Administration  
Genetic Characterization of the Heat Shock Protein (HSP70) gene of *Cyclospora cayetanensis* parasites from Endemic Regions
- P-M317 **Stephen Tomasino**, U.S. Environmental Protection Agency  
Improvements to the AOAC Germicidal Spray Products as Disinfectants Test – A Carrier Enumeration Procedure and Establishment of a Log Density Range for Test Microbes on Inoculated Carriers
- P-M318 **Stephen Tomasino**, U.S. Environmental Protection Agency  
The Quantitative Petri Plate Method (QPM): A New Method for Assessing the Efficacy of Antimicrobial Towelettes
- P-M319 **Hua Wang**, U.S. Food and Drug Administration  
Evaluation of VIDAS Easy SLM and Real-time PCR Methods as Screening Tools for the Detection of *Salmonella* from Foods
- P-M320 **Paul Whittaker**, U.S. Food and Drug Administration  
Evaluating the Use of Fatty Acid Profiles to Identify *Salmonella enterica* Serovars

## Pharmaceutical Analysis, Authenticity and Safety

- P-M401 **Mei-Hua Chang**, Taiwan Food and Drug Administration  
Determination of Melamine in Foods and Leaching Solutions of Melamine Tableware
- P-M402 **Joseph E Jablonski**, U.S. Food and Drug Administration  
Chemometrics and UPLC-UV to Detect Adulteration of Skim Milk Powder with Soy Protein Isolate
- P-M403 **Shaodong Jia**, Seoul National University  
A Systematic Investigation for the Determination of Non-Ultraviolet Absorbing Compound by using Two Aerosol-Based Detectors in Hydrophilic Interaction Chromatography Mode
- P-M404 **Hyun Kyoung Ju**, Seoul National University  
A Comparison of Biomarkers Obtained from Two Different Instruments based on Metabolomics Approach
- P-M405 **Sarah Luchsinger**, BrukerBioSpin  
Assure-RMS: Automated Material Screening for GLP/GMP Environments
- P-M407 **Kenneth Lynam**, Agilent Technologies  
QuEChERS Approach to Determine Pharmaceuticals and Toxins in Whole Blood
- P-M408 **Maria Inês Rocha Miritello Santoro**, University of Sao Paulo  
Determination of Choline Citrate and Acetylmethionine in Injectable Solutions by High Performance Liquid Chromatography and Capillary Electrophoresis
- P-M409 **Maria Inês Rocha Miritello Santoro**, University of Sao Paulo  
Quantitative Determination of Rosuvastatin, Atorvastatin and Fluvastatin in Tablets By High-Performance Liquid-Chromatography
- P-M410 **Maria Inês Rocha Miritello Santoro**, University of Sao Paulo  
Risperidone Determination in Pharmaceutical Dosage Forms by Free Solution Capillary Electrophoresis and UV-Derivative Spectrophotometric Methods
- P-M411 **Maria Inês Rocha Miritello Santoro**, University of Sao Paulo  
Stability-Indicating Methods for Determination of Acarbose in the Presence of Degradation Products Formed Under Stress Conditions

## **Plant Food, Pet Food and Animal Feed: Nutritives, Additives and Contaminants**

- P-M501 **Takumi Akiyama**, National Institute of Health Sciences  
Identification and Quantification Methods of Enzymatically Hydrolyzed Gums for Food Additive Specifications
- P-M502 **Xiaogang Chu**, Institute of Food Safety, Chinese Academy of Inspection and Quarantine  
Screening and Validation of Unknown Additives in Red Wines by the Combination of Liquid Chromatography/Gas Chromatography and Mass Spectrometry
- P-M503 **Steven Hoelzer**, DuPont Qualicon  
Use of a Rapid PCR Method to Detect Salmonella in 375 Gram Samples of Three Dry Pet Food Formulations
- P-M504 **Byungchul Kim**, Beacon Analytical Systems  
Detection of Plant Growth Regulator (Zeatin Riboside) in Rockweed by Immunoassay
- P-M505 **Ralph Obenauf**, SPEX CertiPrep  
The Analysis of Elemental Exposure Levels of Pets from Commercial Pet Food
- P-M506 **Atsuko Tada**, National Institute of Health Sciences  
Development of a Quantification Method for Steviol Glycosides in Food Additives
- P-M507 **Pelin Ulca**, A&T Food Labs  
Monitoring Nitrate in Baby Food and Meat Products in Turkey (2008-2011)

**Tuesday, September 20, 2011**

Poster Viewing                      10:00 am – 5:00 pm  
Author Presentations              11:30 am – 1:00 pm

**Detection and Measurement of Natural Toxins**

- P-T101    **Carmen Alfonso**, Laboratorio CIFGA S.A.  
Standards of Marine Toxins are needed for their Correct Quantification by Mass Spectrometry
- P-T102    **Sami Bayouhd**, POLYINTELL  
Multimycotoxin and Single Mycotoxin Detections using a New Solid Phase Extraction Sorbent based on Molecularly Imprinted Polymers
- P-T103    **Scarlett Biselli**, Eurofins WEJ Contaminants GmbH  
Analysis of Ochratoxin A using Online-2d-D-SPE coupled with HPLC-Fluorescence
- P-T104    **David L. Brandon**, U.S. Department of Agriculture  
Detection of Ricin Contamination in Food Matrices by ELISA and Electrochemiluminescence Immunosorbent Assay
- P-T105    **Julie L. Brunkhorst**, Trilogy Analytical Laboratory  
The Occurrence of Ochratoxin A in Infant and Regular Oatmeal Cereal in the USA
- P-T106    **Anthony De Lucca**, U.S. Department of Agriculture  
Volatile Trans-2-Hexenal, a Soybean Aldehyde, Inhibits *Aspergillus flavus* Growth and Aflatoxin Production in Corn
- P-T107    **Titan Fan**, Beacon Analytical Systems  
A Novel Immunoassay for the Detection of T-2/HT-2 Toxins in Oat and Cereal Mix
- P-T108    **Don Gaba**, Canadian Grain Commission  
Determination of 9 Fusarium Toxins by Gas Chromatography with Mass Selective Detection
- P-T109    **Eric A.E. Garber**, U.S. Food and Drug Administration  
Optimization of ELISA Detection of Ricin and Gluten using Alternative Substrates and Microwave Irradiation
- P-T110    **Antonietta Gledhill**, Waters Corporation  
Improving LC-MS/MS Methodology for Lipophilic Marine Biotoxins Analysis using UPLC and Novel MS Techniques
- P-T111    **Zuzana Hruska**, Mississippi State University  
Exploring the Excitation-Emission Fluorescence Features of Aflatoxin for the Development of Potential Techniques of Rapid Mycotoxin Detection in Grain Using Imaging Spectroscopy
- P-T112    **Byungchul Kim**, Beacon Analytical Systems  
Evaluation of Aflatoxin IAC with Grains and Feed Additives by HPLC and ELISA

- P-T113 **Masayo Kushiro**, National Food Research Institute, National Agriculture and Food Research Organization  
Effect of Milling on the Removal of Deoxynivalenol and Nivalenol in a *Fusarium*-Infected Japanese Soft Wheat Cultivar
- P-T114 **Chia-Ding Liao**, U.S. Food and Drug Administration  
Multiresidue Mycotoxin Analysis of Grains Using High-Performance Liquid Chromatography-Tandem Mass Spectrometry
- P-T115 **Meiling Lu**, Agilent Technologies  
A Sensitive Method Coupling Dispersing SPE Extraction with UHPLC-ESI/MS/MS Mass Spectrometry for Simultaneous Determination of Multiple Mycotoxins in Wine
- P-T116 **Ryan J Malone**, Trilogy Analytical Laboratory  
Evaluation of an Innovative Laboratory Shaker for the Extraction of Mycotoxins
- P-T117 **David Mazawa**, Pickering Laboratories, Mountain View, CA, United States  
Analysis of Paralytic Shellfish Toxins in Bivalve Mollusks using HPLC Method with Post-column Derivatization and Fluorescence Detection
- P-T118 **Pearse McCarron**, National Research Council Canada  
A Certified Reference Material for Multiple Groups of Shellfish Toxins
- P-T119 **Pearse McCarron**, National Research Council Canada  
Derivatization of Azaspiracid Biotoxins for Analysis by Liquid Chromatography with Fluorescence Detection
- P-T120 **Ronald Niemeijer**, R-Biopharm AG  
European Validation Study of RIDASCREEN® SET Total – An ELISA-based Method for Detection of Staphylococcal Enterotoxins in Foods
- P-T121 **Ronald Niemeijer**, R-Biopharm AG  
RIDA®QUICK Tests plus RIDA®QUICK Scan: A New Approach for Mycotoxin Analysis
- P-T122 **Stephen Powers**, Waters Corporation  
A Rapid Lateral Flow Quantitative Test for Aflatoxin in Corn
- P-T123 **Michael Quilliam**, National Research Council Canada  
Liquid Chromatography Post-column Oxidation (PCOX) Method for the Determination of Paralytic Shellfish Toxins in Shellfish: Implementation and Collaborative Study
- P-T124 **Michael A. Quilliam**, National Research Council Canada  
Preparation of a Mussel Tissue Reference Material for Paralytic Shellfish Toxins
- P-T125 **Alois Schiessl**, Romer Labs Division Holding GmbH  
The Advantage of Fully Stable <sup>13</sup>C-Labeled Internal Standards in LC-MS/MS Mycotoxin Analysis
- P-T126 **Ken Settimo**, Neogen Corporation

Neogen Corporation DON Check Sample Program

- P-T127 **Olga Shimelis**, Supelco/Sigma-Aldrich  
Testing for Aflatoxins in Corn and Peanut Butter using Quechers Cleanup and LC-Fluorescence
- P-T128 **Wondu Wolde-Mariam**, Helica Biosystems, Inc.  
Elimination of Matrix Effect in ELISA for Detection of Aflatoxin B1 and Ochratoxin A: Extraction and Recovery Studies
- P-T129 **Jing Yu**, Fujian Entry-exit Inspection and Quarantine Bureau  
Determination of Tetrodotoxin in Aquatic Products by Liquid Chromatography and Liquid Chromatography - Electrospray Tandem Mass Spectrometry

## Emerging Issues in Food Safety and Security

- P-T201 **Márcia Atui**, Instituto Adolfo Lutz  
Monitoring of Extraneous Matters in Pulps of Tomato, Guava and Strawberry Marketed During the Seasons of 2010
- P-T202 **Klaus Beckmann**, Quality Services International GmbH  
Detection of Honey Adulterations with C3 Sugars
- P-T203 **Sneh D. Bhandari**, Silliker Inc.  
A LC-MS/MS method for Analysis of 4-methylimidazole in Selected Food and Beverage Products
- P-T204 **Mary Blackburn**, Thermo Fisher Scientific  
Online Pre-concentration Evaluated for Quantification of PPCPs in Water using Exactive Orbitrap High Resolution Mass Spectrometry
- P-T205 **Jennifer Hait**, U.S. Food and Drug Administration  
MRSA Contamination in a Bakery?
- P-T206 **Li Huang**, Silliker JR Laboratories, ULC  
Determination of Seven Phthalates Contamination in Food by GC Triple Quad Spectrometry
- P-T207 **Julie Kowalski**, Restek Corp.  
Analysis of 4-Methylimidazole: Creamy Caramel Colors, Cola and Cancer?
- P-T208 **Che-Yang Lin**, Taiwan Food and Drug Administration  
Viruses in Water Samples from Foodborne Outbreaks in Taiwan (2010)
- P-T209 **Pelin Ulca**, A&T Food Labs  
Identification of Animal Species Origin of Gelatin used in Processed Foods in Turkey and Germany
- P-T210 **Jinyuan (Leo) Wang**, Dionex Corporation  
Simultaneous Quantitation of 2- and 4-Methylimidazole in Soda Drinks
- P-T211 **Patrick Zoder**, Life Technologies Corporation  
Design and Validation of a Lyophilized Multiplex Real-Time PCR Assay for Campylobacter Pathogen Detection and Speciation in Fast PCR Conditions

## Food Nutrition and Food Allergens

- P-T301 **Mohamed M. Abouzied**, Neogen Corporation  
Detection of Crustacean Allergen Residue Contamination in Food Commodities by Immuno Assay-Based Test
- P-T302 **Reiko Adachi**, National Institute of Health Sciences  
A Novel Protein Extraction Method for ELISA to Determine Food Allergens in Processed Foods
- P-T303 **Mark E. Benvenuti**, Waters Corporation  
Amino Acid Analysis for Assessing Quality and Nutritional Content of Feeds, Foods and Beverages
- P-T304 **Jonathan DeVries**, Medallion Labs/General Mills  
Total Antioxidant Activity-Method and Collaborative Study
- P-T305 **David Ellingson**, Covance Laboratories Inc.  
Analysis of Free and Total myo-Inositol in Foods, Feeds, and Infant Formulas by Microwave Digestion Followed by Enzymatic Treatment and Quantitation by HPAEC-PAD
- P-T306 **Eric A.E. Garber**, U.S. Food and Drug Administration  
Multiplex Detection of Tree Nuts in Food Using Real-time PCR
- P-T307 **Antonietta Gledhill**, Waters Corporation  
Profiling of Highly Complex Citrus Juice Samples using UPLC Ion Mobility Time of Flight Mass Spectrometry
- P-T308 **Evelyn Goh**, Waters Pacific Pte Ltd  
Extraction and Analysis of Fat Soluble Vitamins in Dairy Products and Infant Formula
- P-T309 **Thomas Grace**, Bia Diagnostics LLC  
Validation of New Rapid Allergen Test Kits for Soy, Milk, Almond, Egg and Coconut Proteins with Sensitivity from 0.5 to 2.0ppm in Incurred Samples in Less than Five Minutes
- P-T310 **Sigrid Haas-Lauterbach**, R-Biopharm AG  
Detection of the Crustacean (tropomyosin) in Different Food
- P-T311 **Sigrid Haas-Lauterbach**, R-Biopharm AG  
The RIDASCREEN® Gliadin Concept
- P-T312 **Sigrid Haas-Lauterbach**, R-Biopharm AG  
The RIDASCREEN® Milk Concept
- P-T313 **Thomas Holzhauser**, Paul-Ehrlich-Institut  
Choose the Right Allergen Detection Method: Large Differences in Quantitative Response to Lupine Varieties may Circumvent Accurate Quantification

- P-T314 **Donna Houchins**, Romer Labs, Inc.  
Validation of on-site Rapid Methods for Food Allergen Management
- P-T315 **Min Huang**, Covance Laboratories Inc.  
Simultaneous measurement of 25(OH) and 1- $\alpha$  (OH) Vitamin D Metabolites in Whole Chicken Meat by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)
- P-T316 **Deanna C. Hurum**, Dionex Corporation  
Sialic Acid Determination in Infant Formulas: Comparing Two Liquid Chromatography Methods
- P-T317 **Harvey Indyk**, Fonterra Co-Operative Group Ltd.  
The Determination of Folate in Foods by Biosensor Protein-Binding Assay
- P-T318 **Sefat E. Khuda**, U.S. Food and Drug Administration  
Effect of Processing on Recovery and Variability Associated with Immunochemical Analytical Methods for Multiple Allergens in a Single Matrix - Dark Chocolate
- P-T319 **Sefat E. Khuda**, U.S. Food and Drug Administration  
Effect of Processing on Recovery and Variability associated with Immunochemical Analytical Methods for Multiple Allergens in a Single Matrix - Sugar Cookies
- P-T320 **Kazumi Kitta**, National Food Research Institute, National Agriculture and Food Research Organization  
Multiplex Immunodetection of Rice Allergens from Rice Protein with Antibodies Raised against Recombinant Rice Allergens
- P-T321 **Stephen Lock**, AB SCIEX  
The Detection of Allergens in Bread and Pasta by LC/MS/MS
- P-T322 **Eric Marceau**, Canadian Food Inspection Agency  
Evaluation of a Commercial ELISA-Based Method for the Determination of Mustard Protein in Foods
- P-T323 **Barb Mitchell**, Covance Laboratories Inc.  
Comparison of an Automated Method to Conventional Methods for the Determination of Fatty Acids in Infant Formula
- P-T324 **Jaewoo Park**, Korea Animal, Plant, and Fisheries Quarantine and Inspection Agency  
Calcium Determination in Calcium Fortified Dairy Products in Korea by Microwave Digestion Method using ICP-OES
- P-T325 **Melissa M. Phillips**, U.S. National Institute of Standards and Technology  
Microwave-assisted Extraction and LC-MS Analysis of Total Choline in Foods
- P-T326 **Andre Robichaud**, Health Canada  
Determination of Total Folate in Cereal and Dairy Products by LC-MS/MS
- P-T327 **Dongwon Seo**, Korea Food Research Institute

Analysis of Vaccenic and Elaidic Acid using GCxGC-TOFMS Coupled with Silver Ion Cartridge

- P-T328 **Leonard M. Sidisky**, Supelco/Sigma-Aldrich  
A Comparison of Ionic Liquid and Polymer Based Capillary Columns for the Analysis of FAME Isomers
- P-T329 **Ameer Taha**, University of Waterloo and Certo Labs Inc.  
A Novel One-Step Method for Nutrient and Pesticide Extractions from Food Samples
- P-T330 **Stacy Tremintin**, AB SCIEX  
Comprehensive Analysis of the B-Vitamin Complex in Food and Beverages by LC-MS/MS
- P-T331 **Petrus vanWichen**, EuroProxima BV  
Gluten-Tec®: A New ELISA to Detect Triggering Proteins and Peptides for Celiac Disease
- P-T332 **Jennifer Voyksner**, LCMS Limited  
Discovery and Measurement of Immunogenic Gluten Peptides in Food Products
- P-T333 **Pragati Shinde**, General Mills  
Analysis of Ascorbic Acid and Isoascorbic Acid in Foods and Ingredients to Monitor Possible Economic Adulteration  
Discovery and Measurement of Immunogenic Gluten Peptides in Food Products

**Wednesday, September 21, 2011**

Poster Viewing                      10:00 am – 5:00 pm  
Author Presentations              11:30 am – 1:00 pm

**Botanicals and Dietary Supplements**

- P-W101    **Ian Acworth**, Dionex Corporation  
A Versatile Detector for the Sensitive and Selective Measurement of Numerous Fat Soluble Vitamins
- P-W102    **Ian Acworth**, Dionex Corporation  
Quantitation of Underivatized Omega-3 and Omega-6 Fatty Acids in Foods
- P-W103    **Ian Acworth**, Dionex Corporation  
Sensitive Analysis of Commonly Used Artificial and Natural Sweeteners
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- P-W109    **Anton Bzhelyansky**, Nutramax Laboratories, Inc.  
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- P-W110    **Louis Carlacci**, U.S. Food and Drug Administration  
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- P-W111    **Amitabh Chandra**, Amway  
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- P-W112 **Elizabeth Crawford**, IonSense, Inc.  
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- P-W113 **Jamie Finley**, British Columbia Institute of Technology  
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- P-W114 **Antonietta Gledhill**, Waters Corporation  
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- P-W119 **James Harnly**, U.S. Department of Agriculture  
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- P-W121 **Sarah Kanable**, Covance Laboratories Inc.  
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- P-W122 **Vanessa R. Kinton**, Alcohol and Tobacco Tax and Trade Bureau  
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- P-W123 **Julie Kowalski**, R-Biopharm Rhone  
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- P-W124 **Stephen Lock**, AB SCIEX  
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- P-W130 **Ronald Niemeijer**, R-Biopharm AG  
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- P-W131 **Rabea Parveen**, Hamdard University, New Delhi  
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- P-W135 **Anindya Pradhan**, Eurofins Central Analytical Laboratories  
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- P-W136 **Catherine A. Rimmer**, U.S. National Institute of Standards and Technology  
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- P-W137 **Kathrine Sharpless**, U.S. National Institute of Standards and Technology  
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- P-W138 **Jeremy Shia**, Waters Corporation  
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- P-W139 **Jinyuan (Leo) Wang**, Dionex Corporation  
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- P-W202 **Ian Acworth**, Dionex Corporation  
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- P-W203 **Marcia Bittar Atui**, Instituto Adolfo Lutz  
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- P-W204 **Marcia Bittar Atui**, Instituto Adolfo Lutz  
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- P-W205 **Julie N. Barrows**, U.S. Food and Drug Administration  
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- P-W206 **Lipika Basumallick**, Dionex Corporation  
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- P-W207 **Mary Bedner**, National Institute of Standards and Technology  
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- P-W208 **Nebebech Belai**, U.S. Food and Drug Administration  
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- P-W209 **Sneh D. Bhandari**, Silliker Inc.  
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- P-W210 **John Thomas Bradshaw**, Artel  
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- P-W211 **Jennifer A. Burgess**, Waters Corporation  
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- P-W212 **Hardy Chou**, U.S. Food and Drug Administration  
Determination of Formaldehyde in Fingernail Products by UPLC
- P-W213 **Ashish Christian**, N. R. Vekaria Institute of Pharmacy  
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- P-W214 **Zoe Grosser**, PerkinElmer, Inc.

- Comparison of Different Column Dimensions for HPLC-ICP-MS Inorganic Speciation in Food
- P-W215 **Thomas Hartlein**, Teledyne Tekmar  
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- P-W217 **Chris Heil**, Thermo Fisher Scientific  
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- P-W218 **Donna Houchins**, Romer Labs, Inc.  
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- P-W219 **Junichi Mano**, National Food Research Institute, National Agriculture and Food Research Organization  
Development of Group Testing Method to Evaluate Weight per Weight GMO Content in Maize Grains
- P-W220 **Kosuke Nakamura**, National Institute of Health Sciences  
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- P-W221 **Hasumati Raj**, N.R. Vekaria Institute of Pharmacy  
Quantitative Analysis of Ezetimibe in Pharmaceutical Formulation by Furious Transform Infrared Spectroscopy
- P-W222 **Hasumati Ajit Raj**, Shree Dhanvantary Pharmacy College  
Stability-Indicating Reversed-Phase Liquid Chromatographic Method for Simultaneous Determination of Pravastatin and Ezetimibe from their Combination Drug Products
- P-W223 **Catherine A. Rimmer**, U.S. National Institute of Standards and Technology  
NIST Dietary Supplement Laboratory Quality Assurance Program: The First Five Years
- P-W224 **Rushabh Shah**, N. R. Vekaria Institute of Pharmacy  
Quantitative Analysis of the Cholesterol-Lowering Drugs Ezetimibe and Pravastatin in Pure Powder, Binary Mixtures, and in Combined Dosage Form by Spectrophotometry, Infra Red Spectroscopy, Chemometry, and High-Performance Thin Layer Chromatography.
- P-W225 **Rushabh Shah**, N. R. Vekaria Institute of Pharmacy  
Stability Indication RP-HPLC Method Development and Validation for the Simultaneous Estimation of Pravastatin Sodium and Ezetimibe in Pharmaceutical Formulations
- P-W226 **Jeanice Thomas**, U.S. National Institute of Standards and Technology  
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- P-W227 **Steve Wall**, Agilent Technologies  
An Innovative New Plasma Source for Elemental Analysis using Atomic Spectroscopy
- P-W228 **Karen L. Wojciechowski**, Cornell University  
A Ruggedness Study: Casein Content of Milk by Kjeldahl Analysis for Milk Concentrates and Non-Bovine Milks
- P-W229 **Karen L. Wojciechowski**, Cornell University  
Prediction of Fatty Acid Chain Length and Unsaturation of Milk Fat by Mid-Infrared Milk Analysis
- P-W230 **Laura Wood**, U.S. National Institute of Standards and Technology  
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- P-W231 **Laura Wood**, U.S. National Institute of Standards and Technology  
Trace Elements in New Food Standard Reference Materials
- P-W232 **Ecevit Yilmaz**, MIP Technologies AB  
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- P-W233 **Jin Zhang**, Agilent Technologies  
Authentication and Quantification of Meat Species Mixtures by PCR-RFLP and 2100 Bioanalyzer System
- P-W234 **Ming Zhou**, Spectra Analysis Instruments, Inc.  
Characterizing Fatty Acid Methyl Esters and Natural Products by GC-IR Hyphenated Technology

## Performance Tested Methods

- P-W301 **Marcia Bittar Atui**, Instituto Adolfo Lutz  
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- P-W302 **Márcia Atui**, Instituto Adolfo Lutz  
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- P-W303 **Erin Crowley**, Q Laboratories, Inc.  
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- P-W304 **Erin Crowley**, Q Laboratories, Inc.  
Evaluation of the VITEK® 2 Gram Positive (GP) Microbial Identification Test Card: Collaborative Study
- P-W305 **Erin Crowley**, Q Laboratories, Inc.  
Use of the BAX® System PCR Assays for Salmonella AOAC OMA 2003.09 and AOAC-RI PTM 100201 to Detect *Salmonella* spp. (including *Enteritidis*) from Shell Eggs
- P-W306 **Bob Lockerman**, CEM Corporation  
Rapid Protein Determination in Meat using Automated Dye Binding Technique: Collaborative Study
- P-W307 **John Mills**, bioMérieux, Inc.  
AOAC® Research Institute Validation of the VIDAS® UP Salmonella (SPT) Assay for the Detection of Salmonella Species in a Variety of Foods, and Environmental Surfaces
- P-W308 **Danièle SOHIER**, ADRIA  
AOAC-RI Performance Tested Methods Program of the ALOA One Day Method for *Listeria monocytogenes* and *Listeria* species Detection in Selected Food and Environmental Samples
- P-W309 **Reona Takabatake**, National Food Research Institute, National Agriculture and Food Research Organization  
Development and Interlaboratory Validation of Quantitative PCR Method for Screening Analysis of Genetically Modified Soybeans
- P-W310 **Stephen Tomasino**, U.S. Environmental Protection Agency  
Single Lab Verification of a Method for Conducting Media Performance to Maximize Valid Results of Tuberculocidal Efficacy Evaluations