

Sunday May 14th, 2017

14:00 - 17:00 Registration

17:00 - 17:45 Opening Ceremony

Session 1

Chair persons: Ionara Pizzutti and Antonio Valverde

17:45 - 18:30 *Overview of the Establishment of Codex MRL's for Pesticide*
Yong Zhen Yang
CODEX-FAO

18:30 - 19:15 *Residue Analysis of Problematic Pesticides: Plant Growth Regulators, Antibiotics, Glyphosate, Paraquat and Diquat in Fruits and Vegetables*
Kaushik Banerjee
National Research Centre for Grapes, India

19:15 - 21:30 Welcome Reception

Monday May 15th, 2017

8:25 - 8:30 Daily announcements

Session 2

Chairpersons: Keith Solomon and Carmen Ferrer

8:30 - 9:05 *Dietary Risk Assessment of Pesticides: International Approach and a Brazilian Experience*
Eloisa Dutra Caldas
Universidade de Brasilia. Brazil

9:05 - 9:40 *Sample Homogenization and Critical Points to Consider*
Michelangelo Anastassiades
CVUA. Germany

9:40 - 9:55 Questions

9:55 - 10:35 Coffee Break, Posters
Vendor Seminar (9:55 - 10:25): *Unique Benefits of Orbitrap Technology for the Comprehensive Analysis of Polar and non-Polar Pesticides*
Richard Fussell - Carmen Ferrer Amate - Sergio Guazzotti
Thermo Fisher Scientific

Session 3

Chairpersons: Amadeo R. Fernández-Alba and Britt Maestroni

- 10:35 - 11:00 *How Much Uncertainty Does Your Laboratory Sample Preparations Add to Your Analytical Test Measurement?*
Joanne Marie Cook
Florida Department of Agriculture and Consumer Services,
United States.
- 11:00 - 11:25 *How Much Progress are We Making Towards Harmonising the Setting and Acceptance of MRL's?*
Caroline Harris
Exponent International Limited, United Kingdom
- 11:25 - 11:50 *The SweEt Method: an Efficient Alternative to Analyze Pesticide Residues in Food*
Susanne Ekroth
National Food Agency, Sweden
- 11:50 - 12:05 *Multi-Pesticide and Multi-Mycotoxin Determination on Vegetal Feed Intended for Dairy Cattle. A Case of Study from Argentina*
Nicolás Michlig
Universidad Nacional del Litoral, Argentina
- 12:05 - 12:15 **Questions**
- 12:15 - 13:45 **Lunch**
Vendor Seminar (13:00 – 13:30): Pesticide Analysis in Cannabis and Hops by Modified QuEChERS extraction and High Speed LC-MS-MS and GC-MS-MS
Jeffrey H. Dahl
Shimadzu Corporation

Session 4

Chairpersons: André De Kok and Eduardo Aylwin

- 13:45 - 14:10 *Optimization of NL Method for Pesticide Multiresidue Analysis*
Ionara Pizzutti
Universidad Federal de Santa Maria, Brazil
- 14:10 - 14:35 *The Impact of Pesticide Residues International Standards on Trade*
Carmen Tiu
Dow AgroSciences, United States
- 14:35 - 14:50 *Multi residue Analysis of Pesticides in Fish Muscle Tissue from Agricultural Areas in Uruguay: Analytical and Monitoring Outcomes*
Andrés Pérez Parada
Centro Universitario Regional del Este, Uruguay
- 14:50 - 15:05 *News from EURL AO*
Bjoern Hardebusch
EURL AO, Germany
- 15:05 - 15:20 **Questions**

15:20 - 16:05

Posters

Session 5

Chairpersons: Magnus Jezussek and Fernando Lafont Déniz

16:05 - 16:30

Coffee Break, Posters

Vendor Seminar (16:05 – 16:25): *The Analysis of Pesticide Residues from Complex, High Background Samples Using Overcoated Solid Phase Microextraction (SPME) Fibers*

Jennifer Claus
Sigma Aldrich

16:30 - 17:05

Extraction Efficiency – Let's Take it Step-by-Step

Jochen Heidler

Federal Institute for Risk Assessment, Germany

17:05 - 17:30

IR-4 Project in Colombia: Conclusions and Perspectives

Edwin Samir Barbosa

Corporación Colombiana de Investigación Agropecuaria,
Colombia

17:30 - 17:55

Do We Share Life with Glyphosate?

Horacio Beldoménico

Universidad Nacional del Litoral, Argentina

17:55 - 18:05

Questions

18:05 - 19:00

RALACA Meeting

Tuesday May 16th, 2017

8:25 - 8:30

Daily Announcements

Session 6

Chairpersons: Kaushik Banerjee and Carmen Tiu

8:30 - 9:05

Validation and Implementation of GC- and LC- High Resolution (HR)MS Methods for Routine Analysis; Comparison with GC- and LC-MS/MS TQ

André De Kok
NVWA, Holland

9:05 - 9:40

Non-Target Detection of Pesticide Residues in Olive Oil by High Resolution Mass Spectrometry

Fernando Lafont Déniz
Universidad de Córdoba, Spain

9:40 - 9:55

Questions

9:55 - 10:35

Coffee Break, Posters
 Vendor Seminar (9:55 – 10:25): *Deconvolution Algorithm Review Applied to Mass Spectrometry Analysis*
 Eleazar Rojas Santiago
 Agilent Technologies

Session 7

Chairpersons: Horacio Heinzen and Carlos Rodríguez Rodríguez

10:35 - 11:00

Sample Preparation and Processing Factors for Cereals
Mette Erecius Poulsen
 National Food Institute
 Technical University of Denmark, Denmark

11:00 - 11:25

EU Document on Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed - An update
Antonio Valverde
 EURL-FV
 Universidad de Almería, Spain

11:25 - 11:50

Pesticides Residues in Refrigerated Raw Milk: Increase Method Scope by LC-MS/MS and Multivariate Analysis of Factors that Influence its Occurrence in the State of Minas Gerais
Fabiano Aurélio da Silva Oliveira
 National Agricultural and Livestock Laboratory, Brazil

11:50 - 12:05

Vegetable Sampling for Analysis of Pesticide Residues in Costa Rica
Pedro Sánchez Carballo
 Servicio Fitosanitario del Estado, Costa Rica

12:05 - 12:15

Questions

12:15 - 13:45

Lunch
 Vendor Seminar (13:00 – 13:30): *Mejorando la Seguridad Alimentaria con los Avances en Cromatografía (LC/GC/SP)*
Oscar J. Santiesteban
 Phenomenex

13:45 - 15:00

Round Table: Methodologies for Pesticide Residue Analysis in Food and Environmental Samples
 Moderators and experts:
Michelangelo Anastassiades
 CVUA
Tuija Pihlström
 National Food Agency

15:00 - 15:45

Posters

15:45 - 16:10

Coffee Break, Posters
 Vendor Seminar (15:45 – 16:05): *Application of Innovative Technologies for the Quantitative Analysis of Mycotoxins in Corn,*

Peanut and Black Pepper

Patrick Jeanville

Agilent Technologies

Session 8

Chairpersons: Horacio Beldoménico and Jochen Heidler

- 16:10 - 16:45** *Advances in Instrumentation to Improve Performance of Pesticide Residue Laboratory*
Lucie Drábová
Institute of Chemical Technology, Czech Republic
- 16:45 - 17:10** *Accurate Chromatographic Peak Integrations of Targeted Analytes in High-Throughput Analysis without Human Review or Manual Re-Integrations*
Jessie Matarrita
CICA - Universidad de Costa Rica
- 17:10 - 17:35** *Pesticide Residues in Food Monitoring Program of the European Union*
Daniela Brocca
European Food Safety Authority, Italy
- 17:35 - 17:50** *Screening Method for Determination of Pesticides Residues in Fruits and Vegetables by Gas Chromatography Single(Q) Mass Spectrometry*
Iván Mauricio Huérfano
Universidad Nacional de Colombia, Colombia
- 17:50 - 18:00** Questions
- 19:00** Departure for Integration Dinner
- 20:00 - 0:00** Integration Dinner

Wednesday May 17th, 2017

8:00 - 8:05 Daily Announcements

Session 9

Chairpersons: Lutz Alder and Jairo Guerrero

- 8:05 - 8:40** *Merging Typical Single Pesticide Residue Determinations by Using Ion Chromatography High Resolution Mass Spectrometry*
Amadeo Fernández-Alba
Universidad de Almería, Spain
- 8:40 - 9:15** *Some Aspects of the Matrix Effects Caused by Troublesome Matrices in Pesticide Residue Analysis*
Horacio Heinzen

Universidad de la República, Uruguay

9:15 - 9:30

Questions

9:30 - 10:00

Coffee Break, Posters
 Vendor Seminar (9:30 – 9:50): *Concentration for Analysis*
 Michael Ward
 Equipar

Session 10

Chairpersons: Michelangelo Anastassiades and Greivin Pérez Rojas

10:00 - 10:25

100 Pesticides Causing Problems in a Standard QuEChERS Procedure
Magnus Jezussek
 Bavarian Agency for Health and Food Safety, Germany

10:25 - 10:50

Methodology to Establish Pesticide Residues Maximum Limits (MRLs) in the European Union
Lucien Ferreira
 European Food Safety Authority, Italy

10:50 - 11:15

Pesticide Prioritization Approaches and Limitations in Environmental Monitoring Studies
Zisis G. Vryzas
 Democritus University of Thrace, Greece

11:15- 11:40

Use of Field Trial and Monitoring Residue Data in Dietary Risk Assessments
Angela Klemens
 DuPont Crop Protection, United States

11:40 - 11:55

Registration of Plant Protection Products in Argentina. Criteria for the Establishment of Maximum Residue Limits in plant products
Mario Daniel Mazarella
 Servicio Nacional de Sanidad y Calidad Agroalimentaria de Argentina, Argentina

11:55 - 12:05

Questions

12:05 - 13:35

Lunch
 Vendor Seminar (13:00 – 13:30): *New Workflows that Accurately Find and Identify Residues and Contaminants in Food*
 Paul Winkler
 Sciex

13:35 - 15:05

Round Table 2: Risk Analysis and Regulation for Human Health and Environment Focused on Pesticide Residue and Other Emerging Compounds
 Moderators and Experts:
 Keith Solomon
 University of Guelph, Canada

Angela Klemens
DuPont Crop Protection, United States

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| 15:05 - 15:50 | Posters award ceremony/ invitation for coming workshops |
| 15:50 - 16:15 | Coffee Break |
| 16:15 | Closing |