SASKATOON INTERNATIONAL WORKSHOP
VALIDATION AND REGULATORY ANALYSIS

Atelier International de Saskatoon
Validation et analyse de réglementation

JUNE 19 – 22 2011
SHERATON CAVALIER HOTEL, SASKATOON

PROGRAMME OF EVENTS

Workshop Technical Schedule

	SUN (June 19)	MON (June 20)	TUE (June 21)	WED (June 22)
7:00-8:40		Registration, Poster Setup & Breakfast	Registration & Breakfast	Registration & Breakfast
		Welcome & Housekeeping		
8:45-9:30		Theme I – Keynote Speaker I	Theme III – Keynote Speaker III	Theme IV – Keynote Speaker IV
9:30-10:10		2 Speakers	2 Speakers	2 Speakers
10:10-10:25		HEALTH BREAK		
10:30-12:10		5 Speakers	5 Speakers	4 Speakers
12:15-13:15		LUNCH	LUNCH	LUNCH & Poster Takedown
13:15-14:00		Theme II - Keynote Speaker II	Theme II cont'd	Theme V – Keynote Speaker V
14:00-14:55		3 Speakers	5 Speakers	2 Speakers
14:55-15:10		HEALTH BREAK		
15:10-17:00	Registration	Poster Presentation		Round Table
17:00-17:30				Wrap up & Closing Session
18:00 -22:00	Welcome Reception	Panel/Stakeholder meeting	Workshop Dinner	

DAY 1 – Monday, June 20th 2011	
7:00 – 8:00	**Registration, Poster Set-up and Breakfast**
8:05 – 8:40	**Welcome, Housekeeping and Opening Remarks by Dr. Martine Dubuc, VP Science, CFIA**
8:40 – 9:00	**OECD SAB Presentation**
9:05 - 9:50	**Theme I: PROGRAMME DESIGN/QUALITY MANAGEMENT – CHAIRS: Dr. Jack Kay and Dr. Jim MacNeil** **Keynote Speaker – Prof. George Gettinby [University of Strathclyde, UK]** Quality and Fitness for Purpose of monitoring and sampling for the detection of veterinary drug residues in aquaculture species
9:50 – 10:10	EU analytical QC for pesticide residues – Mr. Stewart Reynolds (FERA, UK)
10:10 –10:25	**HEALTH BREAK**
10:30 –10:50	Combining ISO 17025 and European Commission decision 2002/657 audit requirements: a practical way forward– Dr. Jack Kay (University of Strathclyde, UK)
10:50 –11:10	Analytical difficulties facing today's regulatory laboratories – Dr. Jim MacNeil (St. Mary's University, Canada)
11:10 –11:30	Regulatory testing in the private sector - Mr. John Points (LGC, UK)
11:30 –11:50	EU criteria for veterinary drug screening methods – Dr. Linda Stolker (RIKILT – Wangeningen University and Research Centre, The Netherlands)
11:50 –12:10	Pharmacokinetics/pharmacodynamics - their role in veterinary drug residues – Prof. Peter Lees (The Royal Veterinary CollegeUK)
12:15 –13:15	**LUNCH**
13:15 –14:00	**THEME II: MULTI-RESIDUE METHODS OF ANALYSIS & VALIDATION** **CHAIR: Dr. Stefan Soback** **Keynote Speaker – Dr. Marilyn Schneider [USDA-ARS-ERRC, USA] –** Goldilocks and the 6 bears: Quest for the "just right" method for multiclass, multiresidue analysis of veterinary drug residues in food animal testing
14:00 –14:20	Matrix effects and their role in regulatory analytical methods – Dr. Joe Boison (CFIA, Canada)
14:20 –14:40	Beta-agonists LC-MS/MS analysis of bovine urine with MIPS SPE cartridges – Mr. Masahiro Mizuno (CFIA, Canada)
14:40 –14:55	The challenges of developing a generic extraction procedure to analyse multi-class veterinary drugs in milk and honey using Ultra-high pressure liquid chromatography quadrupole time-of-flight mass spectrometry – Dr. Jian Wang (CFIA, Canada)
14:55 –15:10	**HEALTH BREAK**
15:10 –17:00	**POSTER PRESENTATION (15:10 – 16:10: Presenters for odd numbered posters present; 16:10-17:00- Presenters for even numbered posters present)** **CHAIR: DR. Rick Fedeniuk**
18:00 – 20:00	**Panel/Stakeholder Meeting to discuss CCRVDF Guidance Document on Performance Characteristics for Multi-Residue Methods being developed as an Appendix to the Codex Guidance Document CAC/GL 71-2009.** **(PRE REGISTRATION REQUIRED – MEAL PROVIDED AT 5:30)**

DAY 2 – Tuesday, June 21st 2011	
8:00 – 8:30	**Breakfast**
8:30 – 8:40	**Housekeeping**
8:45 – 9:30	**THEME III: CURRENT INTERNATIONAL (GLOBAL) INITIATIVES** **CHAIR: Mrs. Valerie Reeves** **Keynote Speaker – Dr. Mark Coleman [Elanco, ELI LILY, USA] –** Elanco AOAC Global Method Modernization Project
9:30 – 9:50	IAEA/FAO initiatives for developing countries – Dr. Britt Maestroni (FAO/IAEA, Austria)
9:50 – 10:10	How to validate analytical methods for veterinary drug residue control? Toward an internationally recognised format. A view with particular consideration to LC-MS technologies – Dr. Eric Verdon (AFSSA, France)
10:10 – 10:25	**HEALTH BREAK**
10:30 – 10:50	**THEME III continued** **CHAIR: Dr. Christine Akre** A Review of Analytical Strategies for the Detection Of 'Endogenous' Steroid Abuse in Food Production– Dr. James Scarth (HFL Ltd., UK)
10:50 – 11:10	Best practices for single laboratory validation (SLV) of chemical methods for trace elements in food – Mr. Cory Murphy (CFIA, Canada)
11:10 – 11:30	Risk Management of imported foods: Comparative international approaches – Dr. Kenneth J. Rosnack (Waters Corp.,USA)
11:30 – 11:50	Validation of an analytical method for the determination of tilmicosin in whole chicken egg by LC-MS/MS – Dr. Thomas Burnett (Elanco, USA)
11:50 – 12:10	Unravelling the semi-endogenous status of thiouracil – Dr. Julie Vanden Bussche (University of Ghent, Belgium)
12:15 – 13:15	**LUNCH**
	THEME II: MULTI-RESIDUE METHODS OF ANALYSIS & VALIDATION continued **CHAIR: Mr. Bryn Shurmer**
13:15 – 13:35	Investigation into the experimental protocols required to determine maximum residue limits (MRLs) in honey – Mr. Richard Fussell (FERA, UK)
13:35 – 14:00	Trap or TOF? Practical aspects of high resolution mass spectrometry – Mr. John Points (LGC, UK)
14:00 – 14:20	Large Injection volumes and online pre-concentration for the analysis of pesticides in beverage utilizing high resolution accurate mass LCMS – Dr. Jim Kapron (ThermoFisher Scientific, Canada)
14:20 – 14:40	Determining the suitability of Premitest and KIS for screening of tetracycline residues in slaughter animals – Dr. Mariel Pikkemaat (RIKILT – Institute for Food Safety, The Netherlands)
14:40 – 14:55	Multiresidue HPLC-MS/MS determination of antibiotic residues in milk and meat for Latin American National residue programs. Prof. Osvaldo Rampoldi (Dirección de Laboratorio Veterinarios, Uruguay)
14:55 – 15:10	**HEALTH BREAK**
15:10 – 17:00	**POSTER PRESENTATION (15:10 – 16:10: Presenters for even numbered posters present; 16:10-17:00- Presenters for odd numbered posters present)** **CHAIR: DR. Les Dickson**
18:00 – 22:30	**WORKSHOP BANQUET at the Western Development Museum**

DAY 3 – Wednesday, June 22nd 2011	
8:00 – 8:30	**Breakfast**
8:30 – 8:40	**Housekeeping**
8:45 - 9:30	**THEME IV: NOVEL APPLICATIONS OF MASS SPECTROMETRY IN RESIDUE CONTROL** **CHAIR: Dr. Leen van Ginkel** **Keynote Speaker – Prof. Bruno le Bizec [LABERCA, FRANCE] –** Metabolomics In Food Analysis: Application To The Control Of Forbidden Substances
9:30 – 9:50	mRNA transcriptomics and the needed biostatistics, recent experiences with NGS (next generation sequencing) and microRNA quantification- Dr. Irmgard Reidmaier (Technical University Munich, Germany)
9:50 – 10:10	Options to detect recombinant growth hormone misuse in breeding animals – Dr. Gaud Pinel (ONIRIS, France)
10:10 – 10:25	**HEALTH BREAK**
10:30 – 10:50	**THEME IV continued** **CHAIR: Dr. Jian Wang** Targeted and Non-Targeted Pesticide Analysis using Liquid Chromatography-Quadrupole/Linear Ion Trap and High Resolution Orbitrap Mass Spectrometry – Dr. Kai Zhang (FDA, USA)
10:50 – 11:10	Aptamer technology – an emerging class of recognition molecules to rival antibodies with application to residue diagnostics in food– Ms. Sara Stead (FERA, UK)
11:10 – 11:30	Determination of the performance characteristics of a multi-residue method for nitroimidazoles and their hydroxy-metabolites in animal tissue by LC-tandem mass spectrometry. – Ms. Johanna Matus (CFIA, Canada)
11:30 – 11:50	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 – Mr. Willis Chow (CFIA, Canada)
11:50 – 13:15	**LUNCH [Poster take-down]**
13:15 – 14:00	**THEME V: RISK ASSESSMENT/RISK MANAGEMENT FOR RESIDUE PROGRAMS** **CHAIR: Dr. Britt Maestroni** **Keynote Speaker: - Dr. Bob Dickey [FDA, USA] –** Harmful algal species and their toxins in food-detection methods, risk assessment and risk management
14:00 – 14:20	Risk-based prioritization for animal drug residue programs – Dr. Barry Hooberman (CVM/FDA, USA)
14:20 – 14:40	CFIA's risk assessment risk management program for residues – Henri Bietlot (CFIA, Canada)
14:55 – 15:10	**HEALTH BREAK**
15:10 – 17:00	**ROUND TABLE DISCUSSION** **CHAIR: Dr. Joe Boison & Dr. Jack Kay**
17:00 – 17:15	**WRAP UP & CLOSING REMARKS**
17:15 – 17:30	**OECD SAB's CLOSING REMARKS**