

Satellite Event March 11th 2010

"Molecular Markers: TSE Signatures"



07:30 – 08:15 Coffee and registration

08:15 – 08:30 **David Knox**, Organizer, Opening Remarks

08:30 – 09:10 **Viola Ruddat**, "Research tools from GE Healthcare: a brief description of instruments and applications for label-free protein interaction analysis (Biacore and Microcal), high-content imaging (IN-Cell Analyzer), and differential protein expression analysis (2D-DIGE)"

09:10 – 09:40 **Catherine Graham**, Veterinary Pathologist, Canadian Food Inspection Agency. "Ante-mortem tests for BSE: what are the requirements for official approval?"

09:40 – 10:10 **Dave Knox**, PHAC, "Identification of urine based biomarkers using 2D DIGE."

10:10 – 10:30 *coffee break*

10:30 – 11:00 **Christoph Borchers**, University of Victoria Genome BC Proteomics Centre. "Novel mass spectrometric approaches in quantitative and structural proteomics"

11:00 – 11:30 **Christopher Silva**, USDA, "Mass spectrometry-based methods of detecting and quantifying prions"

11:30 – 12:00 **Allen Herbst**, University of Alberta. "Use of MALDI MS for multiple TSE biomarker development."

12:00 – 01:00 *lunch*

01:00 – 01:30 **Neil Cashman**, University of British Columbia and Amorfix Life Sciences, "Epitope protection technology: seeing the isolated aggregate in a sea of normal protein."

01:30 – 02:00 **Laura Moody**, University of Wisconsin, Madison. "Comparative prion disease gene expression profiling"

02:30 – 04:00 Wine and Cheese reception and wrap up.



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