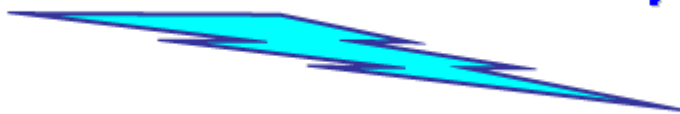
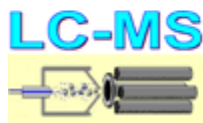


Canadian LC-MS Group



FINAL Program

The 8th Mass Spectrometry CVG Annual Symposium

(Analytical, Bioanalytical, Environmental, Proteomics, Forensic and Instrumental Topics)

Montreal, Canada, September 23th, 2009, 8am to 5pm

(Holiday Inn Point Claire)

Morning Poster Sessions

Morning Poster Session No. 1A: LC-MS Sample Preparation; High Throughput Analysis;

01AM - Details Two dimensional online Solid-Phase Extraction combined with Liquid Chromatography – Mass Spectrometry

Martin Sibum; Emile Koster

Spark Holland Inc., Plainsboro , NJ WPN 351

02AM - Increased Bioanalytical Throughput Using Selective Phospholipid Depletion.

Craig Aurand¹; An Trinh²; Hillel K. Brandes¹; David S. Bell¹; Michael Ye¹

¹Supelco/ Sigma Aldrich, Bellefonte , PA; ²Supelco, Bellefonte, PA

03AM - Comparison of Plasma and Whole Blood Extraction using Resin-based Mixed-mode Cation Exchange SPE with LC-MS/MS Analysis.

Elena Gairloch⁽¹⁾; Lee Williams⁽²⁾; Helen Lodder⁽²⁾; Rhys Jones⁽²⁾; Richard Calverley⁽²⁾; Steve Plant⁽²⁾; Steve Jordan⁽²⁾; Claire Desbrow⁽²⁾; Joanna Caulfield⁽²⁾; Gary Dowthwaite⁽²⁾,

¹. Biotage, Charlottesville, VA, USA. ². Biotage GB Limited, Cardiff, United Kingdom.

04AM - Comparison of Liquid-liquid Extraction (LLE) and Supported Liquid Extraction (SLE):- Equivalent Limits of Quantitation with Smaller Sample Volumes.

Lee Williams; Helen Lodder; Rhys Jones; Steve Jordan; Claire Desbrow; Gary Dowthwaite; Joanna Caulfield; Richard Calverley

Biotage GB Limited, Cardiff , United Kingdom

05AM - Extraction of Melamine from Various Matrices using Resin-based Mixed-mode Cation Exchange SPE and Analysis with LC-MS/MS.

Lee Williams¹; Elena Gairloch²; Rhys Jones¹; Helen Lodder¹; Steve Jordan¹; Richard Calverley¹; Claire Desbrow¹; Steve Plant¹; Gary Dowthwaite¹; Joanna Caulfield¹

¹Biotage GB Limited, Cardiff , United Kingdom ; ²Biotage, Charlottesville, VA

06M – Phospholipid Removal: A Comparison between Traditional Liquid-liquid Extraction (LLE) and Supported Liquid Extraction (SLE) Using LC-MS/MS Analysis.

Lee Williams¹; Mike Lindenmuth²; Rhys Jones¹; Claire Desbrow¹; Joanna Caulfield¹; Gary Dowthwaite¹; Richard Calverley¹; Steve Jordan¹; Helen Lodder¹

¹Biotage GB Limited, Cardiff , United Kingdom ; ²Biotage, Charlottesville, VA

07AM - Integrated workflow to design methods and analyze data in large-to-extremely-large scale SRM experiments

Amol Prakash¹; Reiko Kiyonami¹; Alan E. Schoen²; Huy Nguyen²; Scott Peterman²; Andreas F Huhmer²; Mary F Lopez¹; Bruno Domon³

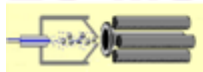
¹ThermoFisher Scientific, Cambridge , MA; ²Thermo Fisher Scientific, San Jose, CA; ³ETH Zurich, Zurich, SWITZERLAND

08AM - On line sample extraction technique vs traditional sample preparation methods for LC-MS toxicology screening

Marta Kozak; Guifeng Jiang; Subodh Nimkar

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Thermo Fisher Scientific, San Jose , CA



Morning Poster Session No. 2A: Environmental, Atmospheric/Aerosol Chemistry

09AM - Using Bonded Silica Solid Phase Microextraction Fibers as a Screening Tool for Pharmaceuticals and Personal Care Products in Drinking Water

Carmen T. Santasania; Katherine Stenerson; Robert Shirey; An Trinh; Craig Aurand
Supelco/Sigma-Aldrich, Bellefonte , PA

10AM - LDTD-APCI-MS/MS: optimization and method application for selected endocrine disrupting compounds in water matrices

Paul B. Fayad¹; Michèle Prévost²; Sébastien Sauvél
¹Université de Montréal, Montreal, Quebec, Canada; ²École Polytechnique de Montréal, Montreal, Quebec, Canada

11AM - Capillary electrophoresis-mass spectrometry: a useful tool to distinguish between weak and strong organic acids in atmospheric fine particulate matter

Mahmoud M. Yassine¹; Ewa Dabek-Zlotorzynska*¹; Philippe Schmitt-Kopplin²
¹Analysis & Air Quality, Environment Canada, Ottawa, ON; ²Institute of Ecological Chemistry, Neuherberg, Germany

12AM - Comparative Evaluation of Target/Non-Target Screen and Quantitation Techniques of 250 Pesticides in Potable Water

Peter Stone; Michael Flanagan
Agilent Technologies, Santa Clara, CA

13AM- Improved Method for the Determination of Organochlorine, Organophosphate and Pyrethroid Pesticides in House Dust Using Solid Phase Extraction and GC/EI-MS/MS

Cariton Kubwabo; Brian Stewart; Geneviève Grenier; Pat Rasmussen
Health Canada, Ottawa, ON, Canada

Morning Poster Session No. 3A: Metabolism; Metabolomic; Metabolites

14AM - Metabolomic Profiling of stevia rebaudiana Extract by Accurate Mass using HILIC and Reversed Phase Chromatography

Craig Aurand
Supelco/Sigma-Aldrich, Bellefonte , PA

15AM - Challenges in the investigation of the metabolic changes in Nicotiana attenuata during insect herbivory using an improved HPLC-TOF-MS method

Matthias Schöttner¹; Eva Rothe¹; Emmanuel Gaquerel¹; Beatrice Berger¹; Birgit Schneider²; Gabriela Zurek²; Aiko Barsch²; Mike McDonnell³; Ian T. Baldwin¹
¹Max Planck Institute for Chemical Ecology 07745 Jena – Germany; ²Bruker Daltonik GmbH, 23359 Bremen – Germany; ³Bruker Bioscience, Delta, BC, Canada

16AM - Intelligent Workflows (MSM) for Metabolite Screening and Characterization Using an LTQ Orbitrap

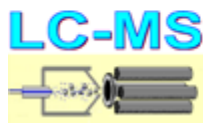
Yingying Huang¹; Ji Ma²; Jae C. Schwartz¹; Robert Cho²; Yan Chen¹; Tim Carlson²
¹Thermo Fisher Scientific, San Jose , CA; ²Amgen Inc., South San Francisco, CA

17AM - Combining unbiased metabolic profiling with targeted analysis of specific metabolites using high resolution mass spectrometry, a step forward in metabolomics

Albert Koulman¹; Martin Hornshaw²; Gary Woffendin²; Helen Welchman²; Vinod Narayana¹; Catharina Crone²; Dietrich Volmer¹
¹Medical Research Council, Cambridge , United Kingdom ; ²Thermo Fisher Scientific, Hemel Hempstead, UNITED KINGDOM

Morning Poster Session No. 4A: Bioanalysis, Analysis & Quantitation

Canadian LC-MS Group



18AM - Development of Enantiomeric LC-MS Analysis of Clenbuterol Doping Agent for Plasma Samples

Daniel Shollenberger, Craig R. Aurand, Carmen Santasania, David S. Bell, J.T. Lee
Supelco/Sigma-Aldrich, 595 N. Harrison Road, Bellefonte, PA 16823

19AM - Development and validation of an LC-MS/MS method for faresol quantitation in Candida albicans biofilms

Marie-Claude Denis; Karine Venne; Annie Leduc; Jean Barbeau; Alexandra Furtos
Universite de Montreal, Montreal, Canada

20AM - Evaluation of QTOF technology for the Quantitation of Drugs in Plasma

Julie Marr¹; Walter Korfmacher²; Fangbiao Li²; Yunsheng Hsieh²; Bob Walker¹; Jim Lau¹
¹Agilent Technologies, Mississauga, Canada; ²Schering-Plough, Kenilworth, NJ

21AM - FAIMS for drug discovery and development using an ion trap and a triple quadrupole MS.

Keeley Murphy; Kevin Cook; Julie Horner; James Kapron; Nicholas Duczak, Jr; Mark Harrison
Thermo Fisher Scientific, San Jose, CA

22AM - Increasing the selectivity of clenbuterol detection in urine samples by using MS3 on a hybrid quadrupole-linear ion trap.

Mauro Aiello; Rolf Kern; Beth Fernandez; Loren Olson
Applied Biosystems, San Jose, CA

23AM - Coupling LC-fluorescence with tandem mass spectrometry for identifying modified amino acids

André LeBlanc; Boris Guichard; William Maupillier; Lekha Sleno
UQAM, Montreal, Canada

24AM - Identifying and Quantifying Isoforms and Homologues

Johannes PC Vissers¹; Richard R Sprenger²; Lennart Martens³; Scott Geromanos¹; Jim Langridge¹
¹Waters Corporation, Manchester, United Kingdom; ²Department of Medical Biochemistry, AMC, Amsterdam, Netherlands; ³EMBL European Bioinformatics Institute, Hinxton, United Kingdom

25AM - Laser Diode Thermal Desorption (LDTD) Mass Spectrometry For High Throughput Analysis of Discovery DMPK in vitro and in vivo samples

The-Minh Tu¹, Marie Roumi¹, Alex Birsan¹, Pierre Picard³, Jean Lacoursiere³, Markus Walles¹ and Julie Ducharme^{1,2}.

¹AstraZeneca R&D Montreal, Canada; ²Faculté de Pharmacie, Université de Montréal; ³Phytronix Technologies

26AM - Development of an LC-MS/MS Method for Measurement of Deuterium Incorporation into DNA

Jin Wu¹; Randall Purves¹; Martine Lamarche¹; Diane Ethier¹; Yves Boie¹; Mark P. Keller²; Mary E. Rabaglia²; Alan D. Attie²; Denis Normandin¹; Simon Wong¹; Kevin P. Bateman¹
¹Merck Frosst Canada, Kirkland, Canada; ²University of Wisconsin-Madison, Madison, WI

Morning Poster Session No. 5A: Instrumentation

27AM - Ion Funnel Transmission Increases Number of Protein Identifications in Complex Proteomics Samples

Brian Stall¹; Markus Lubeck²; Ralf Hartmer²; Christoph Gebhardt²; Andreas Brekenfeld²; Andrea Schneider²
¹Bruker Daltonics Inc, Billerica, MA; ²Bruker Daltonik, Bremen, GERMANY

28AM - Development of an ETD capable Ultra High Resolution QTOF Mass Spectrometer

Carsten Stoermer¹, Desmond A. Kaplan², Ralf Hartmer¹, Markus Lubeck¹,
Oliver Räther¹, and Melvin A. Park²

¹Bruker Daltonik GmbH, Fahrenheitstr. 4, 28359 Bremen, Germany; ²Bruker Daltonics Inc., 40 Manning Road, Manning Park, Billerica, MA 01821, USA

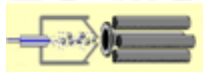
29AM - Maximizing performance of conventional time-of-flight technology: resolution, accuracy and speed

Michael Ugarov; James Bertsch; Bill Barry; John Fjeldsted
Agilent Technologies, Santa Clara, CA

30AM - Evaluation of a New Electrospray Ion Source and Interface Combination for Ruggedness and Sensitive in LC-MS/MS

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George Scott¹; Dragan Vuckovic¹ Charles Jolliffe²

¹Ionic Mass Spectrometry Group, Bolton, ON; ²IONICS Mass Spec Group, Inc., Bolton, ON

31AM - Development of a Novel Ion Source for Electrospray and APCI using Flow Entrainment of Ions

Joshua Ye; Serguei Savtchenko

IONICS MASS SPECTROMETRY GRO, Bolton, Canada

32AM - Separation of isobaric phosphopeptides by High field asymmetric waveform ion mobility spectrometry confirmed by LTQ Orbitrap XL ETD mass spectrometry

Yue Xuan¹; Andrew Creese²; Julie Horner³; Helen J. Cooper²; Thomas Moehring¹¹Thermo Fisher Scientific, Bremen, Germany ; ²School of Biosciences, University of Birmingham, Birmingham, UK; ³Thermo Fisher Scientific, San Jose, USA

33AM - Using a Novel Heartcut Device for Multidimensional GC to Reveal Small Peaks Otherwise Obscured by Large Peaks in Mass Chromatograms

Andrew Tipler¹; William D. Goodman³; Adam J. Patkin²

¹PerkinElmer Inc., Trumbull, CT; ²PerkinElmer, Inc, Shelton, CT; ³PerkinElmer, Shelton, CT

Morning Poster Session No. 6A: Proteomics; Peptides; Biomarkers

34AM - Straight Protein QC by Benchtop MALDI-TOF Top-Down Sequencing

Darwin Asa¹, Anja Resemann², Detlev Suckau², Arndt Asperger²

¹Bruker Daltonics Inc., 40 Manning Road, Manning Park, Billerica MA 01821 (USA); ²Bruker Daltonik GmbH, Fahrenheitstraße 4, 28359 Bremen, Germany

35AM - Transfer of Optimized Acquisition Parameters between Mass Analyzer Types for Improved Protein Identification and Quantification

Christine Miller; David Horn; Shripad Torvi; Ning Tang; Keith Waddell

Agilent Technologies, Santa Clara, CA

36AM - Using high mass accuracy to quantify targeted proteins

Amol Prakash¹; Gene Ciccimaro²; Scott Peterman²; Taha Rezaei¹; Bryan Krastins¹; David Sarracino¹; Mary F Lopez¹

¹Thermo Fisher Scientific, Cambridge, MA; ²Thermo Fisher Scientific, New Jersey, NJ

37AM - Workflow for maximizing proteome coverage using CID and ETD

Martin Zeller; Bernard Delanghe; Torsten Ueckert; Thomas Moehring

Thermo Fisher Scientific, Bremen, Germany

38AM - Intact Protein Sequencing Using ETD PTR in Linear Ion Trap

Zhiqi Hao; Jae C Schwartz; Andreas F Huhmer

Thermo Fisher Scientific, San Jose, CA

39AM - Generating Products of All Ions using a High Speed and High Sensitivity Experimental Trap-TOF

S. A. Tate¹; N. Bloomfield¹; I. Chernushevich¹; A. Loboda¹

MDS Sciex; MDS Analytical Technologies-Sciex; MDS Analytical Technologies, Concord, ON

Morning Poster Session No. 7A: Non-Covalent Interactions, Ion Molecule, Ion Electron, and Ion-Ion Reactions

40AM - Characterization of PEGs and PEGylated Biotherapeutics by ESI Ion-Mobility Time-of-Flight Mass Spectrometer Coupled with Ion-Molecule Reactions

Asish Chakraborty; Weibin Chen; John Gebler

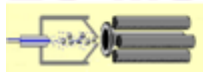
Waters Corporation, Milford, MA

Afternoon Poster Sessions

Afternoon Poster Session No. 1B: LC-MS Sample Preparation; High Throughput Analysis;

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01PM - High Throughput Quantitative Sample Analysis Using an Integrated Multiplex LC-MS System Combined with On-Line SPE

Min J. Yang; David M. Cox; Adrian Taylor; Peter Kovarik; John Gibbons
MDS Analytical Technologies, Concord, Canada

02PM - Improved Bioanalysis of Antidepressants from Plasma Using Non-Drip Filtration Plates

Eugene Chang, Dave Jones and Ritu Arora
Varian, Inc. , 25200 Commercentre Dr., Lake Forest, CA 92630, USA

03PM - Automated Extraction of Pharmaceutical compounds in Plasma

William Hudson; Yung-Lin Chen;
Varian, Inc., Lake Forest , CA

04PM - Impact of Side Reactions Involving Strong Cation Exchange SPE Mechanism on Bioanalytical Assay Accuracy by Using LC-MS/MS

Catherine Fontaine; Jean-Nicholas Mess; Milton Furtado; Fabio Garofolo
Algorithme Pharma Inc., Laval (Montreal), Quebec , CANADA

05PM - The Retention Behavior of Phospholipids Leading to the Elimination of Matrix Effect in LC-MS/MS Using Reverse-Phase Silica SPE

Mathieu Lahaie; Milton Furtado; Fabio Garofolo
Algorithme Pharma Inc., Laval (Montreal), Quebec , CANADA

06PM - Efficiency, Reproducibility, Accuracy and Linearity Evaluation of Filtration Plates during Protein Precipitation to Remove Phospholipids in Bioanalysis by LC-MS/MS

Catherine Dicaire; Milton Furtado; Fabio Garofolo
Algorithme Pharma Inc., Laval (Montreal), Quebec , CANADA

07PM - Selection of Buffer Additives for Liquid-Liquid Extraction (LLE) Procedure to Remove Matrix Effect Due to Phospholipids in LC-MS/MS

Melanie Bergeron; Mathieu Lahaie; Milton Furtado; Fabio Garofolo
Algorithme Pharma Inc., Laval (Montreal), Quebec , CANADA

Afternoon Poster Session No. 2B: Environmental, Atmospheric/Aerosol Chemistry

08PM - GC-Tandem Quadrupole Mass Spectrometry as an Alternative to High-Resolution Mass Spectrometry for the Investigation of Polychlorinated Dioxins and Furans

Anthony Macherone
Agilent Technologies, Elkton , MD

09PM - Dynamic MRM acquisition method optimization for UHPLC-QQQ multi-residue analytical applications

Michael Flanagan; Bruce Wang; Harry Bunting
Agilent Technologies, Santa Clara , CA

10PM - Low Femtogram Target Screening and Quantitation of Polyfluorinated Compounds (PFCs) in Food Matrices

Peter Stone¹; Linda Cote²
¹Agilent Technologies Inc, Santa Clara , CA; ²Agilent Technologies, Saint-laurent, QC

11PM - High throughput analysis of some endocrine disrupting compounds (EDCs) in solid matrices by LDTD-MS/MS

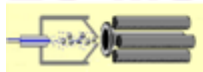
Liza Viglino¹; Paul Fayad²; Michèle Prévost³; Sébastien Sauv⁴
¹University, Montreal , Canada ; ²Universite de Montreal, Montreal, QC; ³École Polytechnique de Montréal, Montréal, Canada; ⁴Université de Montreal, Montreal, QC

Afternoon Poster Session No. 3B: Metabolism; Metabolomic; Metabolites

12PM - A non-targeted metabolomics approach to metabolite analysis in a complex matrix using a sensitive, high speed mass spectrometer.

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Alina Dindyal-popescu¹; Nanqun Zhu²; Thomas O'shea²; Jeffrey Miller³
1MDS Analytical Technologies, Concord , Canada ; 2Genzyme, Waltham, MA; 3Applied Biosystems, Framingham, MA

13PM - Improved detection of reactive drug metabolites with bromine-containing glutathione analog using mass defect and isotope pattern matching

André LeBlanc; Tze Chieh Shiao; René Roy; Lekha Sleno
UQAM, Montreal , Canada

14PM - Inexpensive stable isotope labelling approaches combined with mass spectrometry to screen and characterize reactive drug metabolites

Klaus Klarskov; Daniel Defoy; Witold Neugebauer; Ibrahim Hasibu
University de Sherbrooke, Sherbrooke , Canada

15PM - Metabolic Stability Study Using Cassette Analysis and Polarity Switching in an Ultra High Performance Liquid Chromatography (UHPLC)-Triple Quadrupole System

Anabel Fandino; Edgar Naegele; Stephan Buckenmaier; Bernd Glatz; Agilent Technologies

Afternoon Poster Session No. 4B: Bioanalysis, Analysis & Quantitation

16PM - The Simultaneous Detection of Metabolites and Quantification of Drug Molecules in Bioanalytical Assays

Rob Plumb¹; Paul Rainville¹; Joanne Mather²; Ian Wilson³
1Waters, Milford , MA; 2waters corporation, Milford, MA; 3Astra Zeneca, Maccderfield, UNITED KINGDOM

17PM - Application of High pH Mobile Phase in LC-ESI(+)/MS/MS Under HILIC Mode to Reach Optimal Sensitivity for Bioanalysis

Eugénie-Raphaëlle Bérubé; Jean-Nicholas Mess; Milton Furtado; Fabio Garofolo
Algorithme Pharma Inc., Laval (Montreal), Quebec , CANADA

18PM - Successful Applications of Autosampler Needle Seat Back-flush to Reduce Carryover Using Common HPLC Hardware When Standard Washing Procedures Are Ineffective

Marie-Pierre Taillon; Nikolay Youhnovski; Simon Robert; Louis-Philippe Morin; Milton Furtado; Fabio Garofolo
Algorithme Pharma Inc., Laval (Montreal), Quebec , CANADA

19PM - Rapid analysis of metanephrines in biological fluids by automated online solid-phase extraction LC/MS/MS

Sylvie Beaudet¹; Martin Sibum²; Luce Boulanger³
1MDS Analytical Technologies, Concord , Canada ; 2Spark Holland Inc., Emmen, NETHERLANDS; 3CHUM St-Luc Hospital, Montreal, Canada

20PM - Quantitation of several HIV antiretroviral drugs in human plasma by LC tandem MS

David W. Blank; Brian J. Gilfix; Marcos DiFalco; Line Roy; Bernard F. Gibbs
McGill University, Montreal , Canada

21PM - Monitoring the biodistribution and bioactivity of anticancer drugs by MRM-ESI Mass spectrometry

Qiyu Qiu; Anne-Laure Larroque; Marcos DiFalco; Line Roy; Bertrand J. Jean-Claude; Bernard F. Gibbs
McGill University, Montreal , Canada

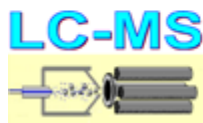
22PM - Analysis of Impurities in Temocapril Using Liquid Chromatography/Quadrupole Time-of-Flight Mass Spectrometry,

Ying Wang,
Agilent Technologies (China), Shanghai , China

23PM - Validation of Pioglitazone in Human Serum by Two Sample Introduction Methods: LDTD-APCI/MS/MS and LC-ESI/MS/MS

Michael Pugh, Don Gray, Rachel Sun, Brian J. Engel
BASi, 2701 Kent Avenue, West Lafayette, IN 47906

Afternoon Poster Session No. 5B: Instrumentation



24PM - Theoretical Studies of the Effect of Swirling Flow on Ion Focusing in a Coaxial Flow Electrospray Ion Source

Serguei Savtchenko²; Lisa Cousins²; Nasser Asgriz¹

¹University of Toronto, Toronto, ON, Canada; ²IONICS Mass Spectrometry Group Inc., Toronto, ON

25PM - Increased quantitative throughput and selectivity for triple quadrupole mass spectrometer based assays using intelligent SRM (iSRM)

Reiko Kiyonami¹; Alan E. Schoen¹; Amol Prakash¹; Huy Nguyen¹; Scott Peterman¹; Vlad Zabrouskov¹; Charles T. Yang¹; Dipankar Ghosh¹; Kristi D. Akervik¹; Nathalie Selevsek²; Andreas F Huhmer¹; Bruno Domon²

¹Thermo Fisher Scientific, San Jose , CA; ²ETH Zurich, Zurich, SWITZERLAND

26PM - A high performance, folded geometry oa-ToF mass analyser incorporating novel ADC based detection.

Jason L Wildgoose

Waters Corporation, Manchester , United Kingdom

27PM - Improving the high energy performance of Curved Ion Guides

Felician Muntean¹; Urs Steiner²

¹Varian Inc., Walnut Creek , CA; ²Varian, Santa Clara, CA

28PM - An Electrospray Ion Source with Heated Auxiliary Vortex Gas

August Specht; Mingda Wang; Joe Saba; Bethany Erickson; Ken Newton

Varian Inc., Walnut Creek , CA

29PM - ESI Technology With Thermal Gradient Focusing - Theoretical and Practical Aspects

Alex Mordehai,

Agilent Technologies, Santa Clara, CA

30PM - Full 3D Model Calculations of Entrance Fringe Fields and Their Impact on the Acceptance Characteristics of a Quadrupole Mass Filter

David G. Welkie

Analytica of Branford, Branford , CT

31PM - Measuring Relative Electrospray Ionization Efficiency Versus the Electrolyte Counter Ion Type and Concentration Using a Membrane Electrospray Probe

Craig M. Whitehouse; Thomas White; Shida Shen

Analytica of Branford, Inc., Branford, CT

32PM - Utilization of a Flow Through Membrane Electrospray Probe for Online H/D Exchange ESI-MS

Thomas P. White¹; Juan Astorga-wells²; Tomas Bergman²; Hans Jornvall²; Thorleif Lavold³; Craig M. Whitehouse¹

¹Analytica of Branford, Inc., Branford, CT; ²Karolinska Institutet, Stockholm, SWEDEN; ³Biomotif AB, Danderyd, SWEDEN

Afternoon Poster Session No. 6B: Proteomics; Peptides; Biomarkers

33PM - Conjugation of glutathione with oxidized ascorbate: Structural analysis of an adduct and its detection in cells

J. Richard Wagner; Peggy Regulus; Jean-Francois Desilets; Klaus Klarskov

Université de Sherbrooke, Sherbrooke, Canada

34PM - Identification of serum biomarker in Cysticercosis, the major parasitic disease of the Central Nervous System

Brian J. Ward; Momar Ndao; Christine Straccini; Bernard F. Gibbs

McGill University, Montreal, QC

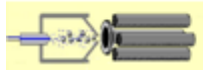
35PM - Identification of Diagnostic Serum Biomarkers for Chagas Disease in Asymptomatic Subjects

Momar Ndao; Brian J. Ward; Christine Straccini; Bernard F. Gibbs

McGill University, Montreal , Canada

Canadian LC-MS Group

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36PM - Identificaton of biomarkers in patients with Aspergillosis

Josée Chabot;; Donald C. Sheppard; Momar Ndao; Brian J. Ward; Christine Straccini; Bernard F. Gibbs
McGill University, Montreal , Canada

37PM - Discovery of biomarkers in patients with Visceral Leishermaniasis

Manfred Fussi; Brian J. Ward; Momar Ndao; Christine Straccini; Bernard F. Gibbs
McGill University, Montreal , Canada

38PM - Identification of biomarkers in urine and cell lines relating to bladder carcinoma

Wassim Kassouf; Jordan R. Steinberg; David W. Blank; Bernard F. Gibbs
McGill University, Montreal , Canada

39PM - Identification of binding partners in eukaryotic translation initiation factors -RNA binding protein complex.

David Shahbazian; Nahum Sonnenberg; Bernard F. Gibbs
McGill University, Montreal , Canada

Afternoon Poster Session No. 7B: Non-Covalent Interactions, Ion Molecule, Ion Electron, and Ion-Ion Reactions

40PM - Energy and entropy effects in the dissociation of non-covalent ionic polymer/substrate complexes

Eric Martineau; Abdulrahman Alhazmi; Justin Renaud; Paul Michael Mayer
University of Ottawa, Ottawa , Canada