

POSTER SESSION

TP-01: Dried Matrix Spot Analysis – Analysis of Drugs from Tears and Other Translucent Fluids Using a Novel Color Indicating Technology

Chad D. Christianson, Casey J. Johnson, Chrystal N. Sheaff, Derek F. Laine, Jennifer S.D. Zimmer, Shane R. Needham, Alturas Analytics, Inc.

TP-02: Utility of Dried Blood Spot Sampling and Storage for Increased Stability of Photo-Sensitive Compounds

Chester L. Bowen^a, Matthew D. Hemberger^b, Jonathan R. Kehler^a, and Christopher A. Evans^a

^aPlatform Technology and Science, Drug Metabolism and Pharmacokinetics, Worldwide Bioanalysis and Systems Management, GlaxoSmithKline Pharmaceuticals, 709 Swedeland Road, King of Prussia, PA, 19406, USA; ^bPlatform Technology and Science, Pharmaceutical Development, GlaxoSmithKline Pharmaceuticals, 1250 S. Collegeville Road, Collegeville, PA 19426

TP-03: On-line Microfluidic Extraction Enables Highly Efficient and Sensitive Direct Elution from Dried Blood Spots

Gary Valaskovic¹; Christopher A. Evans²; Chester L Bowen²

¹New Objective, Inc., Woburn, MA; ²GlaxoSmithKline, King Of Prussia, PA

TP-04: DBS Research at Abbott and Strategies to Implement in Bioanalysis

Katty Wan, Perry Fan, Raymond Xu, Olga Kavetskaia, Huaiqin Wu, Tawakol El-Shourbagy
Drug Analysis, Abbott, IL 60064, USA

TP-05: Novel Walk Away Automation for DBS sample extraction from 4-Spot Cards to LC-MS

Mike DeMayo, Peter Smith, Dave Holub

LEAP Technologies, Inc, PO Box 969, Carrboro, NC 27510

TP-06: The Simultaneous Analysis of Everolimus, Tacrolimus and Cyclosporin-A in Dried Blood Spots Using LC/MSMS

Lorraine Jacobs, Jos van den Elshout, Robert van der Wegen & Rudi Segers

Eurofins Medinet B.V., Bergschot 71, 4817 PA Breda, the Netherlands

TP-07: Simplification of off line analysis of microdialysis samples utilizing capped bar-coded Matrix inserts and an Eicom fraction collection setup.

David Budac, Erin Shearman and Mark Hayward

Lundbeck Research USA, Paramas, NJ

TP-08: Improving Quality to Improve Throughput in Quantitative Neurotransmitter Analysis

David Budac and Mark Hayward

Lundbeck Research USA, Paramas, NJ

TP-09: Optimization of Sample Loading Capacity For Absolute Peptide Quantification by Nanobore LC-MS/MS

Chuck Witkowski¹; Gary Valaskovic²; Jeremy L. Norris¹; Mike S. Lee³

¹Protein Discovery, Inc., Knoxville, TN; ²New Objective, Inc., Woburn, MA; ³Milestone Development Services, Newtown, PA

TP-10: A Novel Approach to Phospholipid Removal

Jessalynn Wheaton, Erin Chambers, Gary Mantha, John Martin

Waters Corporation, Milford, MA

TP-11: Addressing the Issues of Matrix Resolution and Measurement in Bioanalytical Assays

Paul D Rainville¹, Marian Twohig¹, Robert S Plumb¹ and Ian Wilson²

¹Waters Corporation, Milford, MA 01757, ²AstraZeneca, Macclesfield, UK

TP-12: Development of an Integrated Microscale Ceramic Separation Device to Address Limited Sample Volumes in Bioanalysis

Paul Rainville¹; Michael Tomany²; James Murphy²; Norman Smith¹; Joanne Mather²; Robert Plumb³

¹King College, London, UK; ²Waters Corporation, Milford, MA; ³Imperial College, London, UNITED KINGDOM

TP-13: Component Elucidator the Software for Automated Analysis of High Resolution Accurate Mass LC-MS Datasets in Metabolomics

Serhiy Hnatyshyn¹, Tom McClure², Michael Reily¹, Mark Sanders³

¹Bristol-Myers Squibb Co., Rt. 206 & Provinceline Rd, Lawrenceville, NJ, 08543, USA;

²Thermo Fisher Scientific, San Jose, CA, USA; ³Thermo Fisher Scientific, Somerset, NJ, USA

TP-14: The Wonder of MS Finger Printing – A M9 Story from the Development of GSK A
Cathy Chen, Ernest Schubert, Janine Rogers, Igor Goljer, Steve Castellino

Structure ID Group, Drug Metabolism and Pharmacokinetics, PTS, GlaxoSmithKline, King of Prussia, PA 19406, USA

TP-15: Cyanide-Trapped Reactive Metabolite Screening: QTrap vs QTOF

Joanna E. Barbara*, Seema Muranjan, Phyllis Yerino, Mark J. Horrigan, Paul C. Toren and Andrew Parkinson

XenoTech LLC, 16835 W. 116th St., Lenexa, KS 66219, USA

TP-16: On Line Analysis of Flowing Streams Using Microflow HPLC

Christopher J. Welch*, Xiaoyi Gong*, James Cuff, Sarah Dolman, Jason Nyrop, Fiona Lin, and Halena Rogers

Separation & Purification Center of Excellence, Department of Process Research, Merck & Co., Inc., Rahway, NJ, USA

TP-17: Use of Conventional LC Instrumentation in a Comparison Study of Semi-Porous and Porous Particles for Fast LC-MS-MS Analysis

Carmen T. Santasania and Wayne K. Way

Supelco/Sigma-Aldrich, 595 North Harrison Road, Bellefonte, PA 16823 USA

TP-18: Rapid High-Resolution LC-MS Analyses of Peptides and Tryptic Digests using New Fused-Core® Particle Columns

Stephanie Schuster¹, Barry Boyes^{1,2}, Darryl Johnson², Joseph DeStefano¹, Jack Kirkland¹, and Ronald Orlando²

¹Advanced Materials Technologies, Inc, Wilmington, DE; ²CCRC, University of Georgia, Athens, GA

TP-19: Nanobore RPHPLC: Determining The Role of Selectivity in Method Development

Amanda Berg, Carla Marshall-Waggett, Gary Valaskovic

New Objective, Inc., Woburn, MA