

SFC 2014 Poster Program

1. Erin E. Jordan, AbbVie Inc., "Strategies for Increasing Throughput of Chiral Separations by Supercritical Fluid Chromatography"
2. Frederic Lynen, Ghent University, "Stationary Phase Optimized Supercritical Fluid Chromatography: Concept, Possibilities, and Limitations for Analytical and Preparative Analyses"
3. Jane Cooper, Waters Corp., "Hyphenating Convergence Chromatography with UV and MS Detection for Compositional, Impurity, and Degradation Analysis of High Performance Materials"
4. Mengling Wong, Genentech, Inc., "SFC to Support Discovery Chemistry at Genentech"
5. Julie M. Herniman, University of Southampton, "Expanded Capability Through the Application of UPC²-APPI-MS"
6. Thomas Swaan, Waters Corp., "Holistic Method Development Strategy for Chiral Separations Using Analytical Scale Supercritical Fluid Chromatography (SFC)"
7. Geoffrey Cox, PIC Solution, Inc., "A Practical Comparison of Injection Procedures for Preparative SFC"
8. Claudio Brunelli, Pfizer, "Process Development Support by Ultra-performance Supercritical Fluid Chromatography (UPC²) for the Chiral Control and Impurity Profile Of A Novel Oncology Candidate"
9. Ruben De Pauw, University of Brussels, "Exploring The Speed-Resolution Limits in Supercritical Fluid Chromatography"
10. Terry Berger, SFC Solutions, Inc. "There is No Such Thing as "Resistive Heating" in HPLC and SFC"
11. Ming-Tsai Liang, I-Shou University Taiwan, "Separation of 2,6-dimethoxy-4-(2-propen-1-yl)-phenol from the Crude Extract of *Dendrobium officinale Kimura et Migo* by a Continuous Supercritical Fluid Chromatography"
12. Tohru Shibata, Daicel Corp., "Development of the PBT-Based SFC Column, DCpak^R SFC-1"
13. Sabine Heinisch, Université de Lyon, "On-Line LCxSFC Separation of Aromatic Compounds and a Bio-Oil Aqueous Extract"
14. Guido Krautz, Phenomenex, "SFC and Normal Phase Chiral Chromatography with Pharmaceutical Compounds to Demonstrate Scaling Analytical to Prep While Balancing Purity, Yield, and Throughput"
15. Torgny Fornstedt, Karlstad University, "Effects of Variation in Temperature, Pressure and co-Solvent in Chiral Supercritical Fluid Chromatography"
16. Marian Twohig, Waters Corp., "Chiral and Achiral Profiling of a Pesticide Formulation Using UltraPerformance Convergence Chromatography (UPC²) with PDA and Mass Detection"

17. Marian Twohig, Waters Corp., "Enantioseparation and Detection of Triazole Fungicides in Wheat Grain and Wheat Straw using UPC²/MS/MS"
18. Andrew J. Aubin, Waters Corp., "Rapid Quantitative Analysis of Cannabidiol from Consumer Products Using Ultra Performance Convergence Chromatography"
19. Edgar Naegele, Agilent Technologies, "Optimization of the Combination of Supercritical Fluid Chromatography with High-End Mass Spectrometry for the Detection in the sub-ppb Range"
20. Akitaka Terada, JASCO Corp., "Extraction and Analysis of Medicine in Blood Using DBS (Dried Blood Spots) Method by on-line SFE/SFC"
21. Francesco Gasparrini, University of Rome, "The New sub-2 μ m Whelk-01 Chiral Stationary Phase in UHPSFC: A Green High Throughput Screening of Enantiomers"
22. Ben Li, University of Science and Technology Liaoning, "Application of Packed Column SFC to Study Allicin Decomposition in Heptane to Produce Ajoene"
23. Darryl W. Brousmiche, Waters Corp. "Novel Chromatographic Phases for SFC"
24. Jinchuan Yang and Isabelle Francois, Waters Corp., "Determination of Brominated Vegetable Oil in Soft Drinks by UPC²-MS"
25. Jinchuan Yang and Isabelle Francois, Waters Corp., "Rapid Separation of Vitamin K₁ Isomers and Vitamin K₂ in Dietary Supplements Using UltraPerformance Convergence Chromatography with C₁₈ Column"
26. Olle Gyllenhaal, Uppsala University, "Separation of Bupivacaine and Metabolites by Enantioselective Supercritical Fluid Chromatography. Preliminary Studies on Chromatographic Conditions"
27. David Speybrouck, Janssen Research & Development, "Injection Mode in Preparative SFC"
28. Elise Lemasson, Université d'Orléans, "Development of an Achiral SFC Screening Strategy for Impurity Profiling of Active Pharmaceutical Ingredients"
29. Caroline West, Université d'Orléans, "Development and Validation of a Supercritical Fluid Chromatography Method for the Direct Determination of Enantiomeric Purity of Provitamin B5 in Cosmetic Formulations with Mass Spectrometric Detection"
30. Nathalie Hue, ICSN-CNRS, "Applications of SFC for Separation of Organic Compounds in a Chromatographic Analysis Department Using UV and ELSD Detection Modes"
31. Alexandre GRAND-GUILLAUME PERRENOUD, University of Geneva, "Evaluation of a New Prototype sub-2 μ m Immobilized Polysaccharide Stationary Phase in Chiral Supercritical Fluid Chromatography"
32. Alexandre GRAND-GUILLAUME PERRENOUD, University of Geneva, "UHPSFC-MS/MS: from Hyphenation Optimisation to High Sensitivity Doping Agents Analysis in Urine"
33. Alexandre GRAND-GUILLAUME PERRENOUD, University of Geneva, "Evaluation of Stationary Phases Packed with Polar Superficially Porous Particles in SFC"

34. Joakim Höglblom, Akzo Nobel Pulp and Performance Chemicals AB, "Exploring the Potentials of Stationary Phases with Different Nitrogen Containing Ligands for Analytical and Preparative SFC"
35. Cornelia Vermeeren, RWTH Aachen University, "Modern Aspects of Liquid Chromatography: SFC versus HPLC – a Benefit in Efficiency"
36. Vincent Desfontaine, University of Geneva, "Comparison of LC and SFC Coupled to Compact Single Quadrupole Mass Spectrometer for *in vitro* Metabolism Assay"
37. Annika Langborg Weinmann, AstraZeneca, "Improvements in SFC-MS for Achiral Purification"
38. Jane A. Cooper, Waters Corp. "Analysis of the non-Ionic Surfactant Triton-X Using UltraPerformance Convergence Chromatography (UPC²) with UV and MS Detection"
39. Jason Hill, Waters Corp, "Design and Implementation of a Simple Achiral Method Development Strategy for UPC² Chemistries"
40. Jennifer Van Anda, Agilent Technologies, "Supercritical Fluid Chromatography/Mass Spectrometry (SFC/MS) Analysis and Quantitation of Nutraceuticals"
41. Kristina Ohlen, AstraZeneca, "Water Content in SFC Mobile Phase Critical Parameter for Overall Performance"
42. Matthew Przybyciel, ES Industries, "Development and Application of a Novel "Green" Flash Chromatography Purification System"
43. Walton B. Caldwell, Princeton Chromatography, Inc., "Comparison of Core-Shell and Porous Silica Bonded Phases for SFC"
44. Gregory May, Vertex Pharmaceuticals, "A Workflow for SFC Chiral Separations in Support of Drug Discovery"
45. Giorgis Isaac, Waters Corp., "Investigation of New Sub-2µm Column Chemistry for Lipid Separation Using Ultra Performance Supercritical Fluid Chromatography/Mass Spectrometry"
46. Michael D. Jones, Kings College London, Waters Corp., "A Study Comparing SFE and Liquid-Liquid Extractions of *Garcinia Kola*"
47. Michael D. Jones, Waters Corp., "Investigating the Implementation of Convergence Chromatography for Medicinal Chemistry and Process Development Laboratories"
48. Johannes Kern, Technische Universität Hamburg-Harburg, "Frontal Analysis Chromatography For Measuring Drug Adsorption Equilibria with Supercritical CO₂ to Micro Amounts of Nanoscale Adsorbents"
49. Gregory May, Vertex Pharmaceuticals, "A Workflow for SFC Chiral Separations in Support of Drug Discovery"
50. Mark Bayliss, Virscidian, Inc., "Post Data Acquisition Automated Method Selection for Achiral and Chiral LC/MS and SFC/MS"
51. Emmanuel Njumbe Ediage, Ghent University, "The UPC² Technology As An Innovative Separation Tool In Terms of Food Safety: The Case For Mycotoxins"