

## SFC 2018 Program

### Wednesday, October 17

9:00-10:00 Short Course Registration

10:00-5:30 Short Course

### Thursday, October 18

8:00-8:30 Registration

8:30-8:40 Conference Welcome

8:40-9:05 Davy Guillarme, University of Geneva, Switzerland, The use of SFC from research and development to quality control laboratories: dream or reality?

9:05-9:30 Claudio Brunelli, Pfizer, UK, SFC in pharmaceutical industry: implementation throughout drug lifecycle, from discovery to registration

9:30-10:30 Exhibit/Poster Session

10:30-10:55 Abhijit Tarafder, Waters, Inc., USA, Thermodynamic Plots to Have Better Insight in SFC Behavior

10:55-11:20 Terry Berger, SFC Solutions Inc., USA

11:20-11:50 Agilent Vendor Workshop

12:00-1:00 Chiral Technologies Europe Lunch Seminar

1:00-2:00 Break and Exhibit Session

2:00-2:20 Marie Lecoecur, University of Lille, France, Is SFC suitable for the analysis of small mono and polyionic compounds? Application to the simultaneous determination of pharmaceutical drug and its counter-ion

2:20-2:40 Oleg Pokrovskiy, Russian Academy of Sciences, Ion-Like Effects of Amine additives in SFC

2:40-3:00 Rebecca Mott, AstraZeneca, UK, SFC-ELSD-MS for Analysis of PEG Polymers and Other Pharmaceutical Excipients

3:00-4:00 Exhibit/Poster Session

4:00-4:25 Roberto Fronzoni, KD Pharma Bexbach, Germany, Supercritical chromatography (SFC)—a tool for sustainable, production-scale purification processes of natural products

4:25-4:45 Martin Enmark, Karlstad University, Sweden, Investigation of robustness for supercritical fluid chromatography separation of peptides: Isocratic vs gradient mode

4:45-5:05 Jeff Kiplinger, Averca Discovery Services, USA, Rapid Resolution of Isomers from Chiral Molecules with Multiple Stereocenters

5:05-5:25 Raffael Bennett, Merck, USA, Purification in Enhanced Fluidity Liquid Chromatography

5:35-5:55 Waters Vendor Workshop

6:00-7:30 Reception

## Friday, October 19

- 8:00-8:30 Registration
- 8:30-8:55 Charlotta Turner, Lund University, Sweden, Carbon dioxide expanded liquids in extraction and chromatography – from fundamental studies to applications
- 8:55-9:20 Caroline West, University of Orleans, France, Changing trends in supercritical fluid chromatography
- 9:20-9:45 Hanna Leak, AstraZeneca R&D, Sweden, SFC - A Versatile Problem Solver in All Phases of Drug Discovery
- 9:45-10:45 Exhibit/Poster Session
- 10:45-11:10 Cyrille SANTERRE, ISIPCA, France, SFC-HRMS : Application for cosmetics and perfume
- 11:10-11:35 Eric Leselier, University of Orleans, France, Usual and unusual retention behaviors in SFC
- 11:35-12:05 Shimadzu Vendor Workshop
- 12:05-2:00 Break
- 2:00-2:25 Takeshi Bamba, Kyushu University, Japan, Potential of supercritical fluid extraction and separation technologies in metabolic profiling
- 2:25-2:45 Maria Kristina Parr, Freie Universitaet Berlin, Germany, Steroid Profiling using SFC-MS/MS
- 2:45-3:05 A. Paige Wicker, The University of Texas at Arlington, USA, Multivariate approach to on-line supercritical fluid extraction – supercritical fluid chromatography – mass spectrometry method development
- 3:05-3:25 Hugues Jambo, University of Liege, Belgium, SFC-MS as a preventive tool for the quality control of potentially Adulterated cannabis with synthetic cannabinoids
- 3:25-3:45 G. John Langley, University of Southampton, UK, Complexity, Polymers and UHPSFC-MS
- 3:45-4:05 Adrien Raimbault, University of Orleans, France, Expanding the possibilities of SFC with the enantioresolution of native amino acids
- 4:05-4:20 Best Poster Award Presentation, Conference Close