

SFC 2023 Poster Schedule

Poster Session 1 – Monday, May 15, 15:10-16:10

Poster # Poster Information

- 1 **Case Study: Influence of Density in SFC.** David Weschler, Philippe Jablonski, Hoffman La Roche
- 2 **The Applications of Chiral Crown Ether Derived Column by SFC In Pharmaceutical Industry,** Lei Yue, Novartis Institute for BioMedical Research
- 3 **Improving Complex By-Product Isolation Using SFC.** Louise Bacon, Syngenta
- 4 **Exploring the Enantiomeric Separation of Tea Catechins by Chiral Supercritical Fluid Chromatography.** Crystal Ye, Mengling Wong, Genentech
- 5 **Supercritical Fluid Chromatography Supporting Biogen's Medicinal Chemistry Chiral Separations.** Peter Vargo, Kevin Barry, Biogen
- 6 **Supercritical Fluid Extraction for Efficient Extraction Condition Screening of Target Compounds from Tropical Plants.** Kosuke Nakajima¹, Philipp Jochems², Gesa Schad², Shinnosuke Horie, Chun Kiang¹, ¹Shimadzu (Asia Pacific) Pte. Ltd., ¹Shimadzu Europa GmbH
- 7 **Rapid Preparative Purification of Aroma Components in Analytical Scale With A Novel Small Gas-Liquid Separator.** Yusuke Masuda¹, Yiting Zhou¹, Manami Kobayashi¹, Shinnosuke Horie², Phillip Jochems², Gesa Schad², ¹Shimadzu Corporation, ²Shimadzu Europa GmbH
- 8 **Analysis of Metal Ions Using Different Supercritical Fluid Chromatograph-Mass Spectrometry Approaches.** Katrina Plachka¹, Felix Bredendiek², Lucie Novakova¹, Maria Kristina Parr², ¹Charles University, Faculty of Pharmacy, ²Freie Universitat Berlin
- 9 **SFC-MS/MS for Orthogonal Separation of Hydroxylated 17 α -methyltestosterone Isomers.** Felix Bredendeik¹, Xavier de la Torre², Francesco M. Botre², Maria Kristina Parr¹, ¹Freie Universitat Berlin, ²Laboratorio Antidoping FMSO
- 10 **What If We Could Smell CO₂? Proof of Concept of Coupling Supercritical Fluid Chromatography And An Electronic Nose.** Cyrille Santerre¹, Cyril Herrier², Nadine Vallet¹, David Touboul², Thierry Livache⁴, ¹ISIPCA, ²Arballe Technologies, ³CNRS, ICSN, LCM

Poster Session 2 – Tuesday, May 16, 9:35-10:35

Poster # Poster Information

- 11 **Case Study: Separation of Less Than 1 Milligram On a Semi-Prep SFC.** David Wechsler¹, Eric Bald², ¹Hoffman La Roche, ²Hoffman La Roche AG
- 12 **Sample Preparation and Its Impact On The Signals of the 4'-hydroxyprpranolol Enantiomers in SFC-ESI-MS/MS.** Lukas Corbinian Harps, Maria Kristina Parr, Freie Universitat Berlin

- 13 **ICH Q14 Inspired Novel Approach to Establish an SFC Based Purity Method for Carbamazepine.** Alexander Schmidt¹, Mijo Stanic¹, Maria Kristina Parr²,
¹Chromicent GmbH, ²Freie Universitat Berlin
- 14 **SFC Meets SEC – 3 Modes In One Application.** Adrian Schust¹, Mijo Stanic¹,
Constanze Schlott¹, Kerstin Winkler¹, Sebastian Schmidtsdorff¹, Holger Gumm²
¹Chromicent GmbH, ²Sepiatec GmbH
- 15 **CFD Study On True Separation Performance Throughput and SFC Column.**
Timothy Januarius¹, Ken Broeckhoven², Gert Desmet³, Sander Deridder³, ¹Vrije
Universiteit Brussel (VUB), ²Vrije Universiteit Brussel, ³VUB
- 16 **Analysis of Carboxylic Anhydrides Using Supercritical Fluid Chromatography.**
Gesa Schad, Shinnosuke Horie, Shimadzu Europa GmbH
- 17 **Method Development Of a Single SFC-SEC Method For Analysis of Plastic Additives (Phenolic and Non-Phenolic Antioxidants).** Mio Stanic, Alexander Schmidt, Chromicent GmbH
- 18 **Solubility Based Chiral Method Development for Targeted Protein Degraders.** Alex Neue, Novartis Institute of BioMedical Research
- 19 **Quality Control of Vitamin D3 Formulations: Impurity Determination by SFC-MS.**
Hugues Jambo, Amandine Dispas, Philippe Hubert, University of Liege