

Confirmed Speakers

Invited Speakers

Keynote Lecture

Industrial Preparative HPLC for Production of API Including Most Common Unit Operations; Membrane Operations, Evaporation, Crystallization



Roman BURJA
(LEK PHARMACEUTICALS D.D., Menges, Slovenia)

Keynote Lecture

Continuous Processing by CCC/CPC: Where to Plug and How to Play When Everything is Fluid



Svetlana IGNATOVA
(BRUNEL UNIVERSITY, Uxbridge, United Kingdom)

Keynote Lecture

Multi-Column Chromatography: Challenges and Opportunities



Yoshiaki KAWAJIRI
(GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, United States)

Keynote Lecture

Peptide Purification: State-of-the-Art and Challenges



Thomas MEIER
(BACHEM AG, Bubendorf, Switzerland)

Keynote Lecture

Pharmaceutical Small Molecule Purification: Where Are We and Where Do We Need to Be?



Larry MILLER
(AMGEN, Thousand Oaks, United States)

Keynote Lecture

Chromatographer: What Could Modeling Do for You?



Roger-Marc NICOUD
(FOUNDER AND FORMER CEO NOVASEP, CONSULTANT, Nancy, France)

Keynote Lecture

Chromatography and Crystallization: Good Partners in Separating Enantiomers



Andreas SEIDEL-MORGENSTERN
(MAX PLANCK INSTITUTE FOR DYNAMICS OF COMPLEX TECHNICAL SYSTEMS, Magdeburg, Germany)

Oral Communications

Highly Active Small Molecules and Peptides: Intrinsic Reduction of Risks by the Use of Preparative Chromatography and Flow Technologies

Confirmed Speakers

Ulf ALTENHOENER
(LONZA AG, Aarau , Switzerland)

Modeling and Optimization of the Twin Column Capture SMB Process

Daniel BAUR
(ETH ZÜRICH, Zurich, Switzerland)

Overcoming Challenges in the Industrial Production of OMEGA-3S

Jean BLEHAUT
(NOVASEP GROUP, Pompey, France)

Advances in Model-Based Inline Peak Deconvolution: Process-Data-Based Model Calibration and Real-Time Pooling Decisions

Nina BRESTRICH
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Karlsruhe, Germany)

Peptide Purification Via Ion-Exchange Doped Reversed Phase Chromatography: a Combined Experimental and Modeling Approach

Gianluca BUFFOLINO
(ZEOCHEM AG, Uetikon am See, Switzerland)

Extraction-Injection: an Alternative Sample Introduction Method for SFC

Geoffroy COX
(PIC SOLUTION, Media, United States)

Implementation of Continuous Chromatography Under cGMP for the Pharmaceutical Industry

Olivier DAPREMONT
(SK PHARMTECO, Rancho Cordova, United States)

HTS Chromatographic Platforms: Small is Beautiful

David DELVAILLE
(MERCKSERONO, Martillac, France)

Methodology for Scale-Up in Countercurrent Chromatography

Karine FAURE
(INSTITUT DES SCIENCES ANALYTIQUES, Villeurbanne, France)

Modelling and Simulation of the Purification of Cell Culture-Derived Influenza Virus Via Continuous Size Exclusion Chromatography

Laura M. FISCHER
(MAX PLANCK INSTITUTE FOR DYNAMICS OF COMPLEX TECHNICAL SYSTEMS, Magdeburg, Germany)

Reliable Scale-Up from Analytical to Large Scale Instrumentation in Chiral Supercritical Fluid Chromatography



Torgny FORNSTEDT
(KARLSTAD UNIVERSITY, Karlstad, Sweden)

Preparative Chiral Chromatography. Summa Chiralogica



Pilar FRANCO
(CHIRAL TECHNOLOGIES EUROPE, Illkirch, France)

Continuous Manufacturing in Biopharmaceutical Industries

Confirmed Speakers

Holger FROEHLICH
(CLAUSTHAL UNIVERSITY OF TECHNOLOGY, Clausthal-Zellerfeld, Germany)

Implementation of Model-Based Approach for Chromatography Development

Bertrand GUELAT
(NOVARTIS PHARMA AG, Basel, Switzerland)

pH Zone Refining in Centrifugal Partition Extraction. A Step Change in Productivity for Liquid-Liquid Chromatography Processes?

Paul HELLIER
(INSTITUT DE RECHERCHE PIERRE FABRE, GAILLAC, France)

A New Dynamic Fractionation Method and Column Design for Size Separation of Bio-Polymer Particles

Peter HEWITSON
(BRUNEL INSTITUTE FOR BIOENGINEERING, Uxbridge, United Kingdom)

Three Column Intermittent Simulated Moving BED (3C-ISMB) Chromatography: Cascade Operation for Center-Cut Separations

Simon JERMANN
(ETH ZÜRICH, Zurich, Switzerland)

Design of an Agarose Based Platform for Large Scale Chromatography

Hans JOHANSSON
(PUROLITE, Uppsala, Sweden)

Integration of Continuous Precipitation and Flow Through Chromatography with Monoliths for Purification of Recombinant Antibodies



Alois JUNGBAUER
(UNIVERSITY OF NATURAL RESOURCES AND LIFE SCIENCES, Vienna, Austria)

Optimizing the Separation of MAB Charge Variants Using Model-Based Approaches

Rushd KHALAF
(ETH ZÜRICH, Zurich, Switzerland)

Purification of an Intermediately Eluting Component from a Complex Mixture

Kiara KOCHENDOERFER
(BASF SE, Ludwigshafen, Germany)

Separation of Lignans by Supercritical Fluid Simulated Moving BED

Ming-Tsai LIANG
(I-SHOU UNIVERSITY, Kaohsiung, Taiwan)

Implementing Integrated Continuous Downstream Processing

Kathleen MIHLBACHLER
(LEWA GMBH, Leonberg, Germany)

From Molecule to Process: Model-Based Design of Continuous Centrifugal Partition Chromatography



Mirjana MINCEVA
(TECHNISCHE UNIVERSITÄT MÜNCHEN, Freising, Germany)

Purification of Antibody Conjugates by MCSGP Chromatography

Thomas MÜLLER-SPÄTH
(CHROMACON AG, Zurich, Switzerland)

Confirmed Speakers

Modelling and Optimization of Preparative Chromatography Separation of Rare Earth Elements



Bernt NILSSON
(LUND UNIVERSITY, Lund, Sweden)

High Yield Protein Refolding by Integrating Single-Column Chromatography and Membrane Filtration

Sebastian NIMMIG
(FRIEDRICH-ALEXANDER-UNIVERSITY, Hanau, Germany)

Hardware Solutions Enabling Continuous Biomanufacturing

Roger NORDBERG
(GE HEALTHCARE, Uppsala, Sweden)

Integrated Reaction/Separation Process for High-Yield Pegylation

David PFISTER
(ETH ZÜRICH, Zürich, Switzerland)

Unified Design of Chromatographic Separation Processes



Tuomo SAINIO
(LAPPEENRANTA UNIVERSITY OF TECHNOLOGY, Lappeenranta, Finland)

Implementation of a Negative Mode Platform for Virus Purification



Ricardo SILVA
(IBET - INSTITUTO DE BIOLOGIA EXPERIMENTAL E TECNOLÓGICA, Oeiras, Portugal)

Saturation Capacity for Proteins in Ion Exchange Chromatography



Fabian STEINEBACH
(ETH ZÜRICH, Zurich, Switzerland)

Scale-Up in Supercritical Fluid Chromatography

Abhijit TARAFDER
(WATERS CORPORATION, Boston, United States)

Continuous Processing of Self-Cleaving Fusion Proteins by Matrix-Assisted Refolding Separation Using SMB Size Exclusion Chromatography with Buffer Recycling

Martin WELLHÖFER
(CELONIC AG, Basel, Switzerland)

Integrated Countercurrent Chromatography (ICCC) - From SMB to a Fully Integrated Process



Steffen ZOBEL-ROOS
(CLAUSTHAL UNIVERSITY OF TECHNOLOGY, Clausthal-Zellerfeld, Germany)

Workshops

From Development to Commercial Scale: Rules to Scale up, QbD, Regulatory, Process Validation

Confirmed Speakers



Alessandro BUTTE
(ETH ZURICH, Zurich, Switzerland)

Process Design for Purification of Biomolecules



Alois JUNGBAUER
(UNIVERSITY OF NATURAL RESOURCES AND LIFE SCIENCES, Vienna, Austria)

Multicolumn Processes: From Historical SMB to the Latest Advances in the Purification of Biomolecules



Arvind RAJENDRAN
(UNIVERSITY OF ALBERTA, Edmonton, AB, Canada)

Preparative HPLC: Phase Screening, Method Optimisation, Process Development. Troubleshooting a Preparative Chromatographic Device

Michael SCHULTE
(MERCK KGAA, Darmstadt, Germany)

Process Design for Purification of Small Molecules and Peptides

Jochen STRUBE
(CLAUSTHAL UNIVERSITY OF TECHNOLOGY, Clausthal-Zellerfeld, Germany)

Solving a Purification Process: Choice of the Appropriate Process (Centrifugal Partition Chromatography vs Countercurrent Chromatography, Batch vs Continuous, Low Pressure vs High Pressure, Liquid vs SFC)

Eric VALERY
(NOVASEP CDMO, AN AXPLORA COMPANY, Pompey, France)