



HPLC 2023

51st International Symposium
on High Performance Liquid Phase Separations and Related Techniques

June 18 – 22, 2023 in Duesseldorf, Germany

www.hplc2023-duesseldorf.com

BEST POSTER AWARD CERTIFICATE

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The poster:

Foodborne Doping Substances – Chromatographic-mass spectrometric approaches to distinguish intentional from inadvertent doping

presented by:

Luisa Euler of German Sport University Cologne

was granted

the Best Poster

by the board of expert reviewers

Dr. Gerard Rozing
Chair of the award review board

Dr. Tom van de Goor
Agilent

Prof. Michael Lämmerhofer

Eberhard-Karls-University Tübingen, Germany

michael.laemmerhofer@uni-tuebingen.de
Phone: +49.7071.29.78793



Prof. Oliver J. Schmitz

University of Duisburg-Essen, Germany

oliver.schmitz@uni-due.de
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The poster:

Development and investigation of a mixed-mode RP/WAX phase with pH-dependent surface charge reversal for hydrophobic charge-induction chromatography of proteins

presented by:

Marc Wolter of Tübingen University

was granted

2nd place

by the board of expert reviewers

Dr. Gerard Rozing
Chair of the award review board

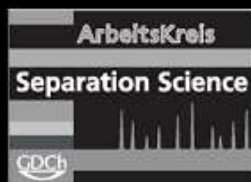
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The poster:

A Novel Multidimensional Liquid Chromatography Workflow with In-Loop Enzymatic Digests of Multiple Heart-Cuts for Fast and Flexible Characterization of Biotherapeutic Protein Variants

presented by:

Kilian Mayr of Roche Diagnostics GmbH

was granted

3rd place

by the board of expert reviewers

Dr. Gerard Rozing
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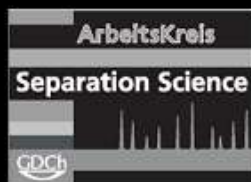
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The poster:

Characterization of fatty acid polyesters by off-line reversed-phase liquid chromatography x supercritical fluid chromatography coupled with Orbitrap mass spectrometry

presented by:

Margaux Sanchez of Institute of Analytical Sciences, Lyon

was granted

as Runner-up

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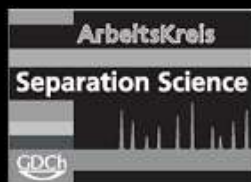
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The poster:

**Assessment of the Surface-Charge Density of Industrial Polymer Nanoparticles by
Capillary Electrophoresis**

presented by:

Jordy Kruijswijk of Vrije Universiteit Amsterdam

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The poster:

Cation Exchange Stationary Phase Platform for the Analysis of Multifunctional Compounds using IC-MS

presented by:

Matthias Schmitt of Philips University Marburg

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The poster:

Impurity profiling of a newly developed Gd-based contrast agent

presented by:

Sonja Weishaupt of WW University Münster

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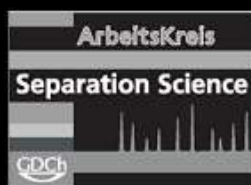
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Determination of glucose regulatory peptides secreted by stem cell-derived islet organoids with liquid chromatography-tandem mass spectrometry

presented by:

Christine Olsen of University of Oslo

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The poster:

O-glycan isomer separation using Trapped Ion Mobility-Mass Spectrometry

presented by:

Leila Bechtella of Free University of Berlin

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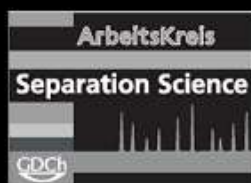
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The poster:

Development of single and multidimensional liquid chromatography-mass spectrometry techniques for the characterization of synthetic oligonucleotides

presented by:

Matt Sorensen of Eli Lilly Co.

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The poster:

LC with simultaneous IRMS and HRMS detection: A powerful new tool for process investigations

presented by:

Robert Marks of University of Duisburg-Essen

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The poster:

Direct injection liquid chromatography-mass spectrometry (DI-LC-MS) analysis for rapid lipidomic profiling of extracellular vesicles

presented by:

Weronika Hewelt-Belka of Gdańsk University of Technology

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The poster:

An Electrospray Ion Mobility Spectrometer Combining High Resolving Power with High Repetition Rate for Fast Chromatography and Droplet Microfluidics

presented by:

Alexander Nitschke of Leibnitz University Hannover

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The poster:

Screening of New Diagnostic Markers for Chronic Kidney Disease Focusing on Chiral Amino Acids Using a Highly Selective Two-dimensional LC-MS/MS System

presented by:

Chiharu Ishii of Fukuoka

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The poster:

Development of an LC-MS binding assay for NMDA receptors with GluN2B subunit

presented by:

Lucie Grey of WW University Münster

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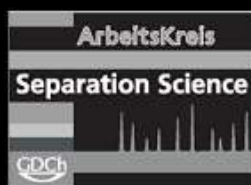
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The poster:

Comparison of elution conditions and emerging columns on the resolving power and detection sensitivity of oligonucleotides by ion-pairing reversed-phase liquid chromatography mass spectrometry

presented by:

Quang Dong Bui of Free University Brussels

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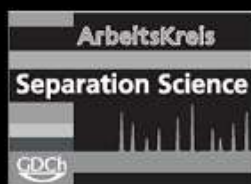
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The poster:

Fabrication of a Simple and Efficient Reactor for Online Derivatization of Aristolochic Acids to Facilitate the Detection by Liquid Chromatography Coupled Fluorescence Detection

presented by:

Man Lung CHIN of Hongkong University

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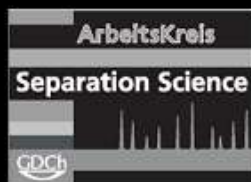
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The poster:

Mobile-Phase Contributions to Organic-Solvent Excess Adsorption and Surface Diffusion in Reversed-Phase Liquid Chromatography

presented by:

Andreas Steinhoff of Philips University Marburg

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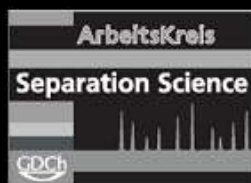
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The poster:

Advanced unified monophasic lipid extraction protocol with wide coverage on the polarity scale optimized for large-scale untargeted clinical lipidomics analysis of platelets

presented by:

Xiaoqing Fu of Tübingen University

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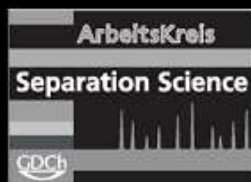
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The poster:

Comparison of Dried Plasma Spots (DPS) and Volumetric Absorptive Microsampling (VAMS) for the Quantification of Piperacillin using HPLC-UV

presented by:

Luca Marie Koltermann of WW University Münster

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