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Tentative Program

4th World Congress on

Chromatography

Rome, Italy August 07-09, 2017

Theme: "Contemporary Advancements and Innovations in Chromatography and its applications"

For Available Speaker Slots

chromatography@conferenceseries.net

Conference Secretariat

Conference Series LLC One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA

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4th World Congress on Chromatography

Chromatography 2017

August 07-09, 2017 Rome, Italy

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for Day 1

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessi	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

40 Speakers on Day 2

Day 3

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Closing Cermony		

40 Speakers on Day 3

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details PS: http://chromatography.conferenceseries.com/

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Organizing Committee Members

Joseph J Pesek
Professor, San Jose State University, USA

Dušan Berek
Professor, Polymer Institute of the Slovak Academy of Sciences, Slovakia

Marika Kamberi
Director, Abbott Vascular, Inc., USA

Farid Meena
Director
Fluorotronics Inc., USA

Nico Anders
Junior Research Group Leader
RWTH Aachen University, Germany

Ravi Bhushan
Professor
Indian Institute of Technology Roorkee, India

Katsuhiro Maeda
Professor
Kanazawa University
Japan

Sena Caglar Andac
Assistant Professor
Istanbul University, Turkey

Yoichiro Ito
Senior Investigator
National Institutes of Health, USA

Keynote Speakers

Chromatography 2017

KEYNOTE SPEECH ON

Evaluation of high-performance liquid chromatography columns retentivity with help of macromolecular probes

Berek Dusan
Polymer Institute, Slovak Academy of Sciences, Slovakia

Chromatography 2017

KEYNOTE SPEECH ON

Unsupervised Contribution Analysis: revealing relevant objects

Jorge Costa Pereira
CQC, University of Coimbra, Portugal

** Note: Keynote Slots Available

Featured Speaker Presentations

Title: Applications of Supercritical Fluid Chromatography (SFC) for Chiral Metabolite Separations in DMPK Environment
Hermes Licea Perez, GlaxoSmithKline, USA
Title: HPLC-Fluorescence Method for the Enantioselective Analysis of Propranolol in Rat Serum Using Immobilized Polysaccharide-Based
Aymen K. Al-Suwailem, King Saud University**,** Saudi Arabia
Title: Chromatographic monitoring of febantel after biodegradation and advanced oxidation processes
Danijela Ašperger, University of Zagreb, Croatia
Title:Bile Salt: A biosurfactant or a pharmacokinetic predictive tool?
D.S. Shokry, University of Huddersfield, UK
Title: Novel technology for protein capture: Mixed-mode expanded-bed adsorption
Dong-Qiang Lin, Zhejiang University, China
Title: Progress in liquid chromatography of synthetic polymers
Dusan Berek, Polymer Institute, Slovak Academy of Sciences, Slovakia
Title: Analysis of free fatty acids in olive oils by UPHLC–MS
Zeid A Alothman, King Saud University, Saudi Arabia
Title: Hydrophilic interaction chromatography-tandem mass spectrometry for the cellular analysis:
Yuliya E. Silina, INM-Leibniz Institute for New Materials, Germany
Title: Analytical Challenges in Method Development for Drug Eluting Stents
Marika Kamberi, Abbott Vascular, Inc, USA
Title: Identifying Natural syNergist from Pongamia pinnata Using High-Speed Counter-Current Chromatography Combined with Isobolographic Analysis
Weihong He, Chinese Academy of Sciences, China
Title: Unsupervised Contribution Analysis: revealing relevant objects
Jorge Costa Pereira, University of Coimbra, Portugal
Title: Enantioseparation on optically active poly(diphenylacetylene)s as chiral stationary phases for
Katsuhiro Maeda, Kanazawa University, Japan
Title: High performance and ultra high performance liquid chromatography for determination of
D. O. Varlamova, Ajinomoto-Genetika Research Institute, Russia
Title: All Ion Differential Analysis in Product Control Applications using Comprehensive GCxGC/MS
Marco Ruijken, MsMetrix, The Netherlands
Title: Product Control Using Differential GC/MS and Comprehensive GCxGC/MS
Marco Ruijken, MsMetrix, The Netherlands
Title: Goat milk polyunsaturated fatty acids determination by gas chromatography
Mariana Ropota, INCDBNA-IBNA, ROMANIA
Title: Quantitative Determination of Humic Substances in a Wide Range of Calibration by Flow Injection Systems. Part Two: The Simultaneously Analyze of Changes between the Flow Rate and the
İsmail Tarhan, Selçuk University, Turkey
Title: Liquid phase microextraction in-situ derivatization for determination of estogens in water by gas chromatography-tandem mass spectrometry
Maw-Rong Lee, NCHU, Taiwan
Title: Use of an RP-HPLC method to determine the lysine content in 7 varieties of peas

Raluca Paula Turcu, NCDBNA-IBNA, Romania
Title: Novel combinatorial ligand for antibody separation: peptide ligand with hydrophobic charge-induction group
Shan-Jing Yao, Zhejiang University, China
Title: Development and validation of analytical methods based on RP‐HPLC: Quantifying HER1 extracellular domain in culture supernatant and peptide mapping of a monoclonal antibody
Yadira S Prieto Curbelo, Center for Molecular Immunology, Cuba
Title: High resolution monolithic columns - enabling tool for understanding viral structures and their
Aleš Štrancar, BIA Separations, Slovenia
Title: Chromatographic separation of full and empty AAV8 capsids
Aleš Štrancar, BIA Separations, Slovenia
Title: PATfixTM - At-line monitoring of impurities and critical quality attributes in biopharmaceutical up-and downstream processes using HPLC fingerprinting
S. Peljhan, BIA Separations, Slovenia
Title: Chromatography at high viscosity
A. Schultze-Jena, TNO, Netherlands
Title: Polystyrene bound silica monolith particles as HPLC stationary phase of excellent separation
Ashraf Ali, Inha University, South Korea
Title: Chromatographic monitoring of febantel after biodegradation and advanced oxidation processes
Danijela Ašperger, University of Zagreb, Croatia
Title: Determination of Ochratoxin A in Food Samples by Liquid Chromatography/Electrospray Ionization Triple Quadrupole-MS-MS Spectrometry
Deming Song, Food and Drug Administration, USA
Title: Evaluation of high-performance liquid chromatography columns retentivity with help of macromolecular probes
Berek D, Polymer Institute, Slovak Academy of Sciences, Slovakia
Title: A effective microfluidic device for the extraction of fluoroquinolones using liquid phase microextraction and its analysis by HPLC
María Ramos Payan, Instituto de Microelectrónica de Barcelona IMB-CNM (CSIC), Spain
Title: Analysis of chlorinated compounds, phenolic compounds, styrenes, indene, dicyclopentadiene, dihydrocyclopentadiene, cumene, benzene, toluene, ethylbenzene and xylenes in fuel oil by headspace GC-MS
Felix Anyakudo, Farmaceutische Analyse, Belgium
Title: Determination of 7 nipagin ester preservatives in leather by ultra performance liquid chromatography-tandem mass spectrometry (UPLC-MS/MS) coupled with gel permeation chromatography (GPC) clean-up
WU Gang, Zhejiang University, China
Title: Prediction and mechanism elucidation of analyte retention on phospholipid stationary phases (IAM-HPLC) by in silico calculated physico-chemical descriptors.
Giacomo Russo, University of Naples Federico II, Italy
Title: Monitoring of bisphenol A and bisphenol S in thermal paper receipts from the Italian market and estimated transdermal human intake: A pilot study
Giacomo Russo, University of Naples Federico II, Italy

Title: Quantification of acetamiprid and thiacloprid residues in field-incurred butterbur samples using liquid chromatography-tandem mass spectrometry
Han Sol Lee, Chonnam national University, South Korea
Title: Determination kinetics and pre-harvest residue limit of pyriofenone in oriental melon (Cucumis melon var. makuwa) grown under regulated climatic conditions
Hyung Suk Chung, Chonnam national University, South Korea
Title: Identify histone acetylation in acute lymphoblastic leukemia with liquid chromatography
Zhang C, Zhong, University of Southern California, USA
Title:Residue analysis of amisulbrom in oriental melon (Cucumis melo L. var. makuwa) cultivated in plastic house conditions: Dissipation kinetics, pre-harvest residue limits, and risk quotients assessment
Md. Humayun Kabir, Chonnam National University, South Korea
Title:Complexation of Diclofenac Sodium with Hydroxy Propyl Beta-Cyclodextrine Improves its Solublility and Stablility in Ampoule Solution which is Determined by HPLC
Kahtan J. Hasson, Al-Rasheed University
Title: Therapeutic Drug Monitoring of Busulfan by UPLC-Tandem Mass Spectrometry
Kamal M. Matar, Kuwait University, Kuwait
Title: Efficient HPLC enantiomer separation using novel homochiral metal- organic frameworks as chiral stationary phases
Koichi Tanaka, Kansai University, Japan
Title: Application of a strategy based on metabolomics guided promoting blood circulation bioactivity compounds screening of vinegar
Zhenli Liu, China Academy of Chinese Medical Sciences, China
Title: Advantages of using a microfludic-chip as sample treatment miniaturization for a subsequent analysis by HPLC
María Ramos Payan, Instituto de Microelectrónica de Barcelona IMB-CNM (CSIC), Spain
Title: Development and Validation of an HPLC Method for Determination of the Eplerenon in Rat Plasma
Ebru Türköz Acar, Yeditepe University, Turkey
Title: Gas Chromatography-Mass Spectrometry Determination of o-Phthalates in Water Coupled with Liquid-Liquid Microextraction
Valentin A. Krylov, Nizhny Novgorod State University, Russia
Title: Residue analysis of amisulbrom in oriental melon (Cucumis melo L. var. makuwa) cultivated in plastic house conditions: Dissipation kinetics, pre-harvest residue limits, and risk quotients assessment
Md. Humayun Kabir, Chonnam National University, South Korea
Title: An effective methodology for analyzing dinotefuran and its metabolites in plum using liquid chromatography-tandem mass spectrometry
Md. Musfiqur Rahman , Chonnam National University, South Korea
Title: Development of LC-Q-TOF-MS and LC-MS/MS method for the determination of Grayanotoxins in foodstuffs and its application to food science study
Taeik Hwang, National Institute of Food and Drug Safety Evaluation, Republic of Korea
Title: Waterborne metabolites as indicators to the growth phases of macroalga Ulva (Chlorophyta) in
Taghreed Alsufyani, Taif University, KSA
Title: Double-flow or stopped-flow conditions as different operating working modes for microfluidic devices in sample preparation depending of the application field

María Ramos Payan, Instituto de Microelectrónica de Barcelona IMB-CNM (CSIC), Spain
Title:Chromatographic Analyses Of Tocols In Palm In The Absence Of Authentic Standards
Ng Mei Han, Malaysian Palm Oil Board, Malaysia
Title: HPLC enantioseparation of (RS)-Isoprenaline and enhanced detection in human plasma
Ravi Bhushana, Indian Institute of Technology
Title: Application of combined chromatographic techniques in the screening and separation of complex triterpenoid saponins from Pithecellobium saman
Maria de Fátima, IPPN UFRJ
Title:Use of an RP-HPLC method to determine the lysine content in 7 varieties of peas
Raluca Paula Turcu, 1INCDBNA-IBNA, Romania
Title:Determination of heavy metal(PB) content in mineral water produced in IRAN by Flameless Atomic Absorption Spectroscopy (FAAS)
Rasoul Kazemi, Azad University
Title: Chromatographic Analysis of Ledipasvir and Sofosbuvir: New Treatment for Chronic Hepatitis C Infection with Application to Human Plasma
Nehal F. Farid, Beni-Suef University
Title: Ion Chromatography Methods of Analysis: Innovations and Advancements
Sangita D.Kumar, Bhabha Atomic Research Centre
Title: Liquid chromatographic enantioseparation of (RS)-mexiletine and (RS)-fluoxetine using chiral derivatizing reagents
Sonika Batra , Goenka University
Title: Chemical composition of medicinal plant of Atractylis
Mohamed Ibrahim BADAOUI, Batna-1 University
Title: Variations in GC–MS Response Between Analytes and Deuterated Analogs
Muhammed Alzweiri, University of Jordan
Title: Simultaneous Determination of Sofosbuvir, Paracetamol and Methionine in Rat Plasma Using Thin-Layer Chromatography and Its Application to Pharmacokinetic Study
Nada S. Abdelwahab, Beni-Suef University
Title: Chromatographic Detection of Inborn Error of Metabolism in Egyptian Pediatrics, Two years experiences
Manar Obada, Menoufia University
Title: Gas Chromatography: A Novel and New Technique for On-line Cure Monitoring Studies of Carbon-Phenolic Composite Structures
K.Veera Brahmam, Advanced Systems Laboratory
Title: Synthesis of two new derivatizing reagents and their application to separation of chiral drug
Vinod Kumar Vashistha, GLA University
Title: Changes Between the Flow Rate and the pH in Quantitative Determination of Humic Substances by Chemometric Approaches
İsmail Tarhan, Selçuk University
Title: Analysis of chenopodium album from Iraq using chromatography technique
Widad al-ani, Al-Mustansiriyah University

Title: A NOVEL MESOGENIC ETHER CROWN STATIONARY PHASE FOR REVERSED-PHASE LIQUID CHROMATOGRAPHY
Ouassila FERROUKHI
Title: Adsorptive removal of Triton X-100 from Human Plasma and its derivatives
Gargi Redkar , Institute of Chemical Technology

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Speaker opportunities available, submit your abstract online @ http://chromatography.conferenceseries.com/abstract-submission.php
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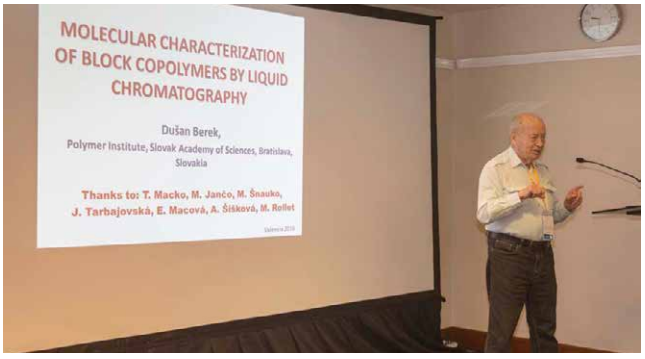
****Note: Tentative Program has been designed with the projected Speakers Names and Titles. Program may be subjected to change**

Glimpses of Chromatography Conferences



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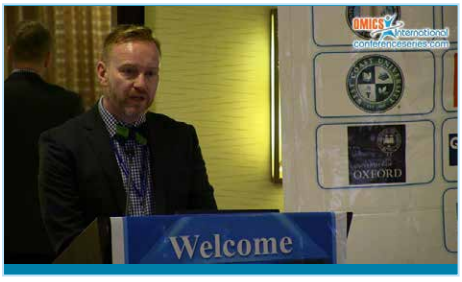
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Piazza Navona

Trevi Fountain

Die ewige Stadt

The Colosseum

St. Peter's Basilica

Galleria Borghese

Conference Venue

Conference Venue & Hospitality
Holiday Inn Rome Aurelia
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686th Conference

Scientific Program

World Congress on

CHROMATOGRAPHY

September 21-23, 2016 Amsterdam, Netherlands

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Registrations

Meeting Place 2

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Opening Ceremony

Title: Fingerprinting of natural product by eastern blotting using monoclonal antibodies

Yukihiro Shoyama, Nagasaki International University, Japan

Title: Topiramate quantitation in human plasma by liquid chromatography-tandem mass spectrometry: Application to therapeutic drug monitoring

Kamal Matar, Kuwait University, Kuwait

Title: New applications of reversed phase chromatography for detection and quantitation of certain adulterants in illegal herbal medicines

Ahmed Mohamed Ali Hemdan, Ahram Canadian University, Egypt

Title: Implementation of UHPLC-single quad MS platform: The next level transforming pharmaceutical quality control laboratories

Evelien Wynendaele, Ghent University, Belgium

Title: Analysis of natural crosslinks by liquid chromatography mass spectrometry using a silica hydride column

Rafea M Naffa, Massey University, New Zealand

Title: A novel and fast approach to monitor cell disruption efficiency

Britta Eggenreich, Vienna University of Technology, Austria

Title: Quantification of drug metabolites in the absence of authentic standards

Filip Cuyckens, Janssen R&D, Belgium

Title: The Development of Standards for Quality Control of Herbal Medicines

Siu-Po IP, The Chinese University of Hong Kong, Hong Kong

Title: Study on the generation mechanism and change regularity of characteristic "raisin" flavor compounds in raisins

Dong Wang, China Agricultural University, China

Title:Elution order switchable chiral stationary phases for HPLC based on switching and memory of helicity in polyacetylenes in the solid state

Katsuhiro Maeda, Kanazawa University, Japan

Title: Biomass upgrading and catalyst characterization using a tandem reactor - GC/MS system

Michael Soll, Frontier Laboratories, Germany

Title: A novel toolbox with chromatogram fingerprints for lysis monitoring in E.coli bioprocesses

Vignesh Rajamanickam, Vienna University of Technology, Vienna, Austria

Title: Sensitive determination of phthalates in edible oils enabled through elimination of phthalate background from HPLC–MS/MS

Adam Vavrouš, Charles University in Prague, Czech Republic

Title: Performance Comparison Between Monolithic Column And Silica Based C-18 Particle Packed Column For The Determination Of Three Anti-diabetics In Pharmaceuticals

A. Hemdan, Ahram Canadian University, Egypt

Title: Spectrophotometric determination and recovery of Cr(VI) from waste water by using a novel calix[4] arene based on polymer inclusion membrane (PIM) modified with nanocomposite graphene oxide

Canan Onac, Pamukkale University, Turkey

Title: A link between aberrant methylation level and AA adducts: Fact or coincidence

Dalia El-Zeihery, Beni-Suef University, Egypt

Title: Novel approach for targeted profiling of plant ecdysteroids by UHPLC-MS/MS vs. SFC-UV/MS

Danuse Tarkowska, Palacky University, Czech Republic

Title: MLC as an effective tool in the prediction of human intestinal absorption

D S Shokry, University of Huddersfield, UK

Title: Simultaneous determination and validation of telmisartan and amlodipine in pharmaceutical preparations using capillary electrophoretic method

Ebru TÜRKÖZ Acar, Yeditepe University, Turkey

Title: Rapid identification of anti-inflammatory active ingredients from Tumuxiang based on spectrum-effect relationship and natural products application solution with UNIFI

Fangdi Hu, Lanzhou University, P. R. China

Title: Identification of components from Sinapis semina that act on the thoracic aorta by screening using cell membrane chromatography combined with online-high performance liquid chromatography-mass spectrum

Fen Wei, Xi'an Jiaotong University, China

Title: Performance evaluation of different columns in hydrophilic interaction liquid chromatography for the determination of N-nitrosodiethanolamine in shampoo

G Abedi, Alzahra University, Iran

Title: Analysis of endogenous aldehydes in human urine by static headspace gas chromatography–mass spectrometry

Manuel Silva, University of Córdoba, Spain

Title: Temperature controlled liquid phase microextraction, in-situ derivatization for determination of estrogens in water by gas chromatography-tandem mass spectrometry

Maw-Rong Lee, National Chung Hsing University, Taiwan

Title: Origin of haloacetic acids in milk and dairy products

Mercedes Gallego, University of Córdoba, Spain

Title: Multi-dimensional ion chromatography–mass spectrometry for simultaneous determination of extracellular metabolites in Clostridium thermocellum

Yun Fa, Chinese Academy of Sciences, China

Title: Dendron-based stationary phases for hydrophobic interaction chromatography

Sena Yaman, Izmir Institute of Technology, Turkey

Title: Separation of drug active ingredients by using subcritical water chromatography

Berkant Kayan, Aksaray University, Turkey

Title: Implementation of ssDNA aptamers for imidazole-free purification of His3-tagged recombinant proteins

Wojciech Strzałka, Jagiellonian University, Poland

Title: Introducing a versatile tandem µ-reactor-GC/MS system for rapid characterization of catalysts: Ethanol and citrus unshiu peel conversion

Michael Soll, Frontier Laboratories, Japan

Title: Evaluation of Fe3O4.SiO2.Al(OH)3 and Fe3O4.Al(OH)3 nanostructures for extraction and pre-concentration of 1,4-dioxane from shampoo by gas chromatography

Mina Ranjbar Zandaragh, Imam Khomeini International University, Iran

Title: Chromatographic purification of the water extract of Virola surinamensis (Rol.) Warb, an Amazonian medicinal plant

Mirtes Midori Tanae, Universidade Federal de São Paulo, São Paulo, Brazil

Title: A validated UPLC-UV method for bisphenol A (BP-A) levels detection in imported plastic toys and drinking bottled water in Kuwait

Naser Faisal Al-Tannak, Kuwait University, Kuwait

Title: Use of gas chromatography to determine the cholesterol level in samples of meat and meat products

Ropota Mariana, National Research & Development Institute for Animal Biology and Nutrition (IBNA), Romania

Title: A validated LC-MS/MS assay for the quantitative determination of Hypophyllanthin and silibinin in Human Plasma: Application to a pharmacokinetic study in healthy volunteers

Said A. Hassan, Cairo University, Cairo, Egypt

Title: Separation of seven flavonoids in Astragali radix using ultra-performance subcritical fluid chromatography on different stationary phases

Shilan Feng, Lanzhou University, China

Title: Preparation of tetraoxocalix [2]arence[2]triazine coated Fe3O4 @SiO2 magnetic nanoparticles and its application in determination of PAHs in smokers urine

Shusheng Zhang, Zhengzhou University, China

Title: Development of a multicomponent method for the analysis of banned substances in cosmetic products by GC-MS/MS

Ševčík Václav, National Institute of Public Health, Czech Republic

Title: A novel toolbox for impurity pattern monitoring during inclusion body processing

Vignesh Rajamanickam, Vienna University of Technology, Vienna, Austria

Title: Feasibility of correlating separation of ternary mixtures of neutral analytes via thin layer chromatography with supercritical fluid chromatography in support of green flash separations

Tony Q Yan, Pfizer Inc., USA

Title: New method of screening allergenic components from Yejuhua injection with LAD2/CMC model online UHPLC-ESI-IT-TOF-MS system

Yanni Lv, Xi'an Jiaotong University, China

Title: Screening allergenic components from Danshen injection via HMC-1/CMC online UHPLC-ESI-MS/MS system

Yuanyuan Lin, Xi'an Jiaotong University, China

Title: Separation of hydrophobic amino acid enantiomers in CEC system by molecular imprinting technique

Koray Şarkaya, Düzce University, Turkey

Title: N-Acylated chitosan Bis(arylcarbamate): A class of chiral separation materials with powerful enantioseparation ability and high tolerability to organic solvents

Sheng Tang, Wuhan Institute of Technology, China

Title: Permeation profiles of hormones and NSAIDs through vaginal mucosa using Pentravan cream

Hudson Polonini, Federal University of Juiz de Fora, Brazil

Title: Automated harvesting and 2-step purification of eight 1-L unclarified mammalian cell-culture broths containing antibodies using a novel configuration on ÄKTATM pure

Fabian Holenstein, Novartis Institutes for Biomedical Research, Switzerland

Title: Size-exclusion HPLC as a sensitive and calibrationless method for complex peptide mixtures quantification

Romain Kapel, University of Lorraine, France

Title: Raman spectroscopy based method for the evaluation of compositional consistency of nanofibrous layers

Adéla Kotzianová, Contipro Pharma a.s., Czech Republic

Title: Spectrophotometric determination of Cr(iii) and Pb(ii) using 5,11,17,23-tetra[(2-ethyl acetoethoxyphenyl) (azo) phenyl]calix[4]arene

Nguyen Khanh Hoang, Industrial University of HoChiMinh City, Vietnam

Title:Inverse liquid chromatography in surface characteristic of materials

Katarzyna Adamska, Poznan University of Technology, Poland

Title: Enantiomer separations of amino acids and derivatives on immobilized polysaccharide phases with extended range of solvents using supercritical fluid chromatography

Tony Q Yan, Pfizer Inc., USA

Title: Comprehensive two-dimensional critical chromatography a tool to understand the behavior of random and block copolymers in chromatography

Aschwin van der Horst, Nuplex, Netherlands

Title: Chromatography in the NMR tube

Michael John, Institute of Anorganische Chemie, Germany

Title: Aptamer-based affinity chromatography as a rapid, single step method for purification of native proteins

Svetlana M Krylova, York University, Canada

Title: Removal of lipid interferences using zirconia-based solid phase extraction (SPE) and QuEChERS sorbents

Jennifer E Claus, MilliporeSigma, USA

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Separation Techniques

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Scientific Program

Registrations

Melia Meeting 1+2

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Opening Ceremony

Title: Towards hollow fibers automotive catalytic converters: effect of carbon on the NO abatement efficiency of Cu decorated C/Al_2O_3 porous hollow fiber

Iakovos Yakoumis, Monolithos Catalysts and Recycling Ltd, Greece

Title: Liquid chromatography of block copolymers

Dusan Berek, Slovak Academy of Sciences, Slovakia

Title: Composites of polyamides and nanoparticles for dispersive micro-solid phase extraction

Rafael Lucena Rodriguez, University of Cordoba, Spain

Title: Performance of the deep bed filter at its loading with particles and microorganisms

Leon Gradon, Warsaw University of Technology, Poland

Title: Impact of sludge properties on solid-liquid separation of activated sludge

Morten Lykkegaard Christensen, Aalborg University, Denmark

Title: Nanofiltration for the separation of polivalent and monovalent ions in high saline solutions

Raquel Ibanez Mendizabal, University of Cantabria, Spain

Title: Identification of inhibitors of the Fe-2OG dependent oxygenases by capillary electrophoresis with laser-induced fluorescence

Svetlana M. Krylova, York University, Canada

Title: Separation of heath compounds in Goji (Lyceum barbarum) aqueous extracts by membrane technology

Conidi Carmela , University of Calabria, Italy

Title: Understanding and predicting industrial membranes performances in separation technology

Helene Marie, Dow Benelux BV, Netherland

Title: Influence of coal power plant exhaust gas on the structure and performance of ceramic nanostructured gas separation membranes

Kai Wilkner, Forschungszentrum Julich, Germany

Title: A simple, accurate, time-saving and green method for the determination of 15 sulfonamides and metabolites in serum samples by ultra-high performance supercritical fluid chromatography

Feng Zhang, Chinese Academy of Inspection & Quarantine, China

Title: Protonic ceramic membranes under asymmetric steam atmosphere

Sandrine Ricote , Colorado School of Mines, USA

Title: Separation science that's built for biopharma

Robert van Ling, Thermo Fisher Scientific, Netherlands

Title: Removal of divalent heavy-metal ions from aqueous solutions by adsorption process with titanium dioxide nanowires

Snežana Maletic, University of Novi Sad, Republic of Serbia

Title: Development of a liquid-liquid extraction method of resveratrol from cell culture media using solubility parameters

Mohamad Houssam Al balkhi, Universite de Picardie Jules Verne, France

Title: Highly selective sieving in porous graphene-like carbon nitride for helium/light isotopes separation

Qu Yuanyuan, Shandong University, China

Title: 2D crystal-based membranes for photocatalysis and separation

Yuyoung Shin, University of Manchester, UK

Title: High strength Au film fabricated by advanced electrochemical technique in supercritical CO_2 emulsified electrolyte for mems accelerometers

Chun-Yi Chen, Tokyo Institute of Technology, Yokohama, Japan

Title: Next generation clarification for processing high density cell culture fluids supplemented with a flocculating agent

Sladjana Tomic-Skrbic, Merck KGaA, Germany

Title: Separation of chiral nanotubes with an opposite handedness by oligopeptide adsorption: A molecular dynamics study

Giuseppina Raffaini, Politecnico di Milano, Italy

Title: Integrating extraction and stirring in microextraction techniques

Rafael Lucena Rodriguez, University of Cordoba, Spain

Title: Nanoscale wiring by Cu electrodeposition in supercritical CO_2 emulsified electrolyte with continuous-flow reaction system

Masato Sone, Tokyo Institute of Technology, Japan

Title: Arsenic speciation in edible marine algae: presence of water and lipid-soluble arsenic compounds

Sara Garcia-Salgado, Universidad Politecnica de Madrid, Spain

Title: Fabrication of Pt metallization on silk via supercritical carbon oxide-assisted electroless plating for wearable medical devices

Wan-Ting Chiu, Tokyo Institute of Technology, Japan

Title: Pervaporative removal of polyaromatic hydrocarbons from model diesel composition using a fabricated polyimide membrane and process optimization

Debarati Mitra, University of Calcutta, India

Title: Pd-alloy supported membranes: hydrogen separation/purification and membrane reactor applications

Adolfo Iulianelli, CNR-ITM, Italy

Title: Effect of pressure on crystal structure of metal oxides formed in supercritical CO_2 emulsified solution

Tso-Fu Mark Chang, Tokyo Institute of Technology, Yokohama, Japan

Title: Fabrication of electrospun nanofiber mat for tetracycline adsorption

Liu Qing, Chinese Academy of Sciences, China

Title: Separation of cerium from other rare earth elements by solvent extraction

Carlos Antonio de Morais , Nuclear Technology Development Center, Brazil

Title: Effective Adsorption and concentration of carnosine by nickel species within mesoporous silica

Liming Zhao, East China University of Science and Technology, China

Title: Separation efficiency of pentafluorophenyl stationary phase for fast chromatography determination of highbush blueberry anthocyanins

Barbora Smidova, Research and Breeding Institute of Pomology Holovousy Ltd., Czech Republic

Title: HPTLC method for the determination of anti-cold mixture in tablets and in spiked human plasma

Nehal Fayek Farid, Beni Suef University, Egypt

Title: Method development and optimization for determination of acemetacin and its toxic impurities using design of experiment

Nada Sayed Abdelwahab, Beni Suef University, Egypt

Title: Monitoring of chronic wound healing process via determination of arginine and its metabolites using HPLC-FD method

Lenka Javorska, Charles University in Prague, Czech Republic

Title: Newly developed UHPLC method for the determination of omeprazole in oral suspensions

Kucerova K , Charles University in Prague, Czech Republic

Title: Development of facilitated transport membranes with silver nano-particle and the process design for separation of propylene from propane in petrochemical industry

Jeong Hoon Kim, Korea Research Institute of Chemical Technology, Korea

Title: A comparative study of As(III) and As(V) adsorption behaviors on different Fe-Mn based adsorbents

Jasmina Agbaba , University of Novi Sad, Republic of Serbia

Title: Effect of supercritical carbon dioxide on micro-mechanical properties of electrodesposited gold

Haochun Tang, Tokyo Institute of Technology, Japan

Title: Green synthesis of zinc oxide (ZnO) nanoparticles and determination of it's antioxidant and antiradicalic activity

Esen Tasgin, Ataturk University,Turkey

Title: Leachate performance of silica fume-modified compacted clayey soil

Ekrem Kalkan, Ataturk University, Turkey

Title: Quantification of caffeic acid in cosmetic formulations by an eco-friendly HPLC method

Caroline Magnani Spagnol, Sao Paulo State University, Brazil

Title: Solid phase extraction and fractionation of total petroleum hydrocarbons in contaminated soil by GC MSD/FID techniques

Maria Vilma Faustorilla, University of South Australia, Australia

Title: Anion exchange chromatography in lignocellulosics analysis

Nico Anders, RWTH Aachen University, Germany

Title: SFC-MS as a tool for flower absolute composition analysis

Santerre Cyrille , ISIPCA, France

Title: Evaluation of solid-phase chromatography as a method for natural organic matter characterization

Aleksandra Tubic, University of Novi Sad, Republic of Serbia

Title: Robustness test of the chromatographic method for the quantification of chlorogenic acid in coffee brew

Jong-Sup Jeon, Gyeonggi Province Institute of Health and Environment, Republic of Korea

Title: Purification, characterization of lipase enzyme from lactobacillus brevis and immobilization onto magnetic florosil NPs

Hayrunnisa Nadaroglu, Ataturk University, Turkey

Title: Ultrahigh pressure liquid chromatography as a separation technique for the simultaneous extraction and determination of four different groups of pharmaceuticals in compost

Miguel Angel Lopez Zavala, Tecnologico de Monterrey, Mexico

Title: Simple HPLC–MS/MS method for simultaneous determination of aripiprazole and dehydroaripiprazole in human plasma using microelution solid phase extraction

Aneta Iwona Wojnicz, Autonomous University of Madrid, Spain

Title: Supercritical CO_2 in its multiple roles: solvent for fractionation of complex mixtures and blowing agent in polymer foaming

Martin Topiar, University of Chemistry and Technology Prague, Czech Republic

Title: Resolving terahertz spectral mixtures using the blind source separation approach – a method to study the dehydration kinetics

Lukasz Antoni Sterczewski, Princeton University, USA

Title: Numerical analysis on purification of methane through the hollow fiber membrane system

Yongtaek Lee, Chungnam National University, Korea

Title: Purification of phosphoric acid by liquid-liquid

Mariana Campos Assuncao, PSL Research University, France