Analyticon-2020

Analytical and Bioanalytical Methods Conference

November 05-07, 2020

Virtual Conference

Exhibitor

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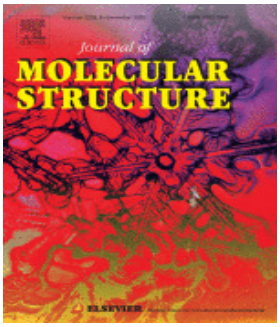

Day-1 November 05, 2020

Meeting Timezone	Local Time	Presentations
08:30-08:55	08:30-08:55	Fluorescence- and SERS-Based Paper Lateral Flow Strips for Point-of-Care Testing
		Nianqiang Wu, University of Massachusetts, MA
08:55-09:20	13:55-14:20	Light-Induced In Situ Generation of Reactants in Cryogenic Matrices and Spectroscopic Analysis of Products of Chemical Reactions
		Rui Fausto, Coimbra University, Portugal
09:20-09:50	14:20-14:50	Developing a Sound Idea to Deliver a High Throughput Mass Spectrometry Platform
		Jonathan Wingfield, AstraZeneca, UK
09:55-10:20	14:55-15:20	The Set-Up of Novel Quality Control in the Old Food Chain of Beer
		Giuseppe Perretti, University of Perugia, Italy
10:20-10:30	**Tea & Coffee Break**	
10:30-10:55	16:30-16:55	Microstructure Characterization of Oligomers by Analysis of UPLC / ESI-TOF-MS Reconstructed Ion Chromatograms
		Jana Falkenhagen, Federal Institute for Materials Research and Testing (BAM), Germany
10:55-11:20	17:55-18:20	The Design of Electrochemical DNA Genosensor-based Diagnosis Kits and their Applications
		Dilsat Ozkan-Ariksoysal, Ege University, Turkey
11:20-11:45	17:20-17:45	Novel Nanomaterial-Based Fluorescence Sensors for Aquatic Pollutants
		Patricia Forbes, University of Pretoria, South Africa
11:45-12:15	09:45-10:15	The Latest Tools for the LC-MS/MS Bioanalysis of Biologics: Humira and Anti-Body Drug Conjugates Case Studies Functional Nanomaterials for Chemical Sensing and Electrochemical Energy Technologies
		Shane Needham, Alturas Analytics, ID
12:15-12:40	17:15-17:40	Immunochromatographic Tests based on Magnetic Nanoparticles
		Maria Carmen Blanco-Lopez, University of Oviedo, Spain
12:40-12:50	**Exhibitor Time**	
12:50-13:20	**Lunch Break**	
13:20-13:45	13:20-13:45	Recent Development on the Structural Analysis of Polysaccharides
		Steve W. Cui, Guelph Research and Development Centre, Canada
13:45-14:15	12:45-13:15	LC-MS/MS of Glycan and Glycopeptide Isomers
		Yehia Mechref, Texas Tech University, TX
14:15-14:45	11:15-11:45	Volumetric Absorptive Microsampling - Enabling Patient Centric Sampling for Personalised Healthcare and At-Home Clinical Trials
		James Rudge, Neoteryx, CA

14:45-15:10	11:45-12:10	LC/MS Methods Optimized for Polar Metabolite Analysis
		Jordy J. Hsiao, Agilent Technologies, CA
15:10-15:35	15:10-15:35	Chemical Profiling of Serum and Urine from Patients with Chronic Kidney Disease by using Surface Enhanced Raman Spectroscopy
		Caigan Du, The University of British Columbia, Canada
15:35-16:00	12:35-13:00	Fluorescence Spectroscopy for Sensing, Nanochemistry and X-ray Nanochemistry
		Ting Guo, University of California, Davis, CA
16:00-16:10		**Tea & Coffee Break**
16:10-16:40	13:10-13:40	Direct In Situ Measurement of Interfacial Charge Transfer with Dual Working Electrode Technique
		Jingjing Qiu, San Francisco State University, CA
16:40-17:05	08:40-09:05 November 06	Creating Optical Nano-Biosensors from Engineered Antibodies for Protein Detection
		Simon Corrie, Monash University, Australia

Day-2 November 06, 2020

Meeting Timezone **EST**	**Local Time**	**Presentations**
07:35-08:00	21:35-22:00	Analysis of Branched-Chain Amino Acids Using On-chip Liquid Chromatography
		Makoto Tsunoda, University of Tokyo, Japan
08:00-08:25	21:00-21:25	Rapid and Effective Separation of Targeting Proteins/Glycoproteins using a Macroporous Sponge Monolith in Liquid Chromatography
		Takuya Kubo, Kyoto University, Japan
08:25-08:50	21:25-21:50	Preparation of Novel Molecularly Imprinted Magnetic Graphene Oxide and their Application for Quercetin Determination
		Pierre Dramou, China Pharmaceutical University, China
08:50-09:15	21:50-22:15	SlipChip Microfluidic Systems for Digital Nucleic Acid Analysis
		Feng Shen, Shanghai Jiao Tong University, China
09:15-09:45	15:15-15:45	An Integrated Liquid-Liquid Microfluidic Solution for the Fast Exploration of Kinetics and Thermodynamics of Extraction Processes
		Jean-Christophe P. Gabriel, French Alternative Energies and Atomic Energy Commission (CEA) , France
09:45-10:10	17:45-18:10	Unbiased Approach to Identification and Validation of LC-SRM Signals Under Ion Interference on Example of Peptide Compounds
		Aleksey Filimonov, Orekhovich Institute of Biomedical Chemistry, Russia

10:10-10:20	**Tea & Coffee Break**	
10:20-10:35	16:20-16:35	Analysis of PAEs in the Marine Environment and Biota by SPME-LC-MS/MS
		Francesco Saliu, University of Milano, Italy
10:35-11:00	21:05-21:30	Sugar-Modified Fluorometric/Colorimetric Chemosensors for Heavy Metal Ions
		Ananta Kumar Atta, National Institute of Technology-Arunachal Pradesh, India
11:00-11:25	17:00-17:25	Cell Metabolomics: A Strategy to Study Crucial Pathways in Cancer Development
		Deborah Quaglio, Sapienza University of Rome, Italy
11:25-11:50	00:25-00:50	High-Resolution Mass Spectrometry-Based Metabolomics Strategy for Comprehensively Screening Biomarkers of Toxicant Phthalate Exposure and their Applications
		Pao-Chi Liao, National Cheng Kung University, Taiwan
11:50-12:15	17:50-18:15	What is the Smell here? Identification of Malodors via GC-Sniffing
		Rita Domingues, Olfasense GmbH, Germany
12:15-12:45	11:15-11:45	Calibration: Detection, Quantification, and Confidence Limits are (Almost) Exact when the Data Variance Function is Known
		Joel Tellinghuisen, Vanderbilt University, TN
12:45-13:15	**Lunch Break**	
13:15-13:45	10:15-10:45	Two-Dimensional Liquid Chromatography (2D-LC) for Various Applications
		Guannan Li, Agilent Technologies, CA
13:45-14:10	10:45-11:10	Functional Nanomaterials for Chemical Sensing and Electrochemical Energy Technologies
		Shaowei Chen, University of California, Santa Cruz, CA
14:10-14:35	14:10-14:35	The Application of Differential Scanning Fluorimetry in Exploring Bisubstrate Binding to Protein Arginine N-Methyltransferase 1
		Adam Frankel, The University of British Columbia, Canada
14:35-15:00	11:35-12:00	Recent Advances in Transient X-ray and Entangled Spectroscopy
		Scott K. Cushing, California Institute of Technology, CA

15:00-16:00	**E-Posters**
E-01	Selenium Speciation Analysis in Probiotic Cultures Věra Kantorovỏ, University of Chemistry and Technology Prague, Czech Republic
E-02	Varying Cross-Reactivity for Different Immunoassay Formats of Structurally Close Veterinary Drugs Anatoly V. Zherdev, Russian Academy of Sciences, Russia
E-03	Homogeneity Study of Candidate Reference Material of Pesticides Residues in Avocado (Persea americana) Andrộs S. Salinas, National Institute of Metrology, Colombia
E-04	Passivation of Perovskite Nanocrystals using Trifunctional Peptide Molecular Ligands Kara Lo, University of California, CA
E-05	Measuring a Shed Protein Target in Circulation to Inform Clinical Decisions Catherine Huang, Genentech, CA
E-06	Fragmentation Mechanisms of Evaporated Dipeptides due to Interaction with Fast Ions Andrei Buzykin, Russian Academy of Sciences, Russia

Day-3 November 07, 2020

Meeting Timezone **EST**	**Local Time**	**Presentations**
08:00-08:25	10:00-10:25	Affinity-based Assays for Identification of Enzyme Ligands Quezia Cass, Universidade Federal de Sóo Carlos, Brazil
08:25-08:50	18:55-19:20	Functional Carbon Quantum Dots for Chemosensing Applications Sasmita Mohapatra, National Institute of Technology Rourkela, India
08:50-09:15	14:50-15:15	Immunoglobulin G Subclass-Specific Glycosylation Changes in Primary Epithelial Ovarian Cancer Vộronique Blanchard, Charitộ Medical University, Germany
09:15-09:40	15:15-15:40	Analytical Applications Towards Sustainable Agro-industrial Ecosystems Vania G. Zuin, Leuphana University, Germany
09:40-10:05	09:40-10:05	Ionic Liquids for Electroanalysis and Electrocatalysis of Gases Xiangqun Zeng, Oakland University, Rochester , MI
10:05-10:30	15:05-15:30	Microsystems and Microfluidics: Enabling Sample Prep and Assay Automation for Point of use and Laboratory Automation Rohit Mishra, Dublin City University, Ireland
10:30-10:55	12:30-12:55	Laser-induced Breakdown Spectroscopy and Machine Learning: Successful Partnership for Analytical Diagnostics Edilene Cristina Ferreira, Sao Paulo State University, Brazil
10:55	**Conclusion**	