EuroSciCon

Analytical Chemistry

March 26-28 2018

Vienna, Austria



Analytical Chemistry

http://analyticalchemistry.euroscicon.com/

Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Novel Approaches to Analytical and Bioanalytical Methods**	Talks On: **Method Development and Validation Reports**	Talks On: **Quality Assurance in Analytical Chemistry**
	Talks On: **Recent Advances in Emerging Imaging Techniques**	Talks On: **Analytical Methodology**	Talks On: **Electro Analytical Techniques**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Drug Screening: Strategy and Methods**	Panel Over: **HPLC Analytical Method Development and Validation**	Panel Over: **Bioanalytical Methodology**
	Workshop On: **Diverse Applications: Biologics, Diagnostics, and Toxicology**	Workshop On: **Bioanalytical Method Development and Validation**	Workshop On: **Analytical Proteomics and Metabolomics**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Chromatograpic Techniques**	Talks On: **Gas Chromatography**	Talks On: **Chiral Columns Chromatography**
	Lectures on: **Ion Exchange Chromatography**	Lectures on: **Environmental Analytical Chemistry**	Lectures on: **Environmental Monitoring**
06:00 PM	Session On: **Environmental Chemistry and Engineering**	Session On: **Environmental Toxicology and Mutagenicity**	Session On: **Electrophoresis**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Affinity Electrophoresis**	Talks On: **Immunoelectrophoresis**	Talks On: **Gel Electrophoresis**
	Talks On: **Advancements in Mass Spectrometry**	Talks On: **NMR Crystallography**	Talks On: **COSY (Correlation Spectroscopy)**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Forensic Analysis**	Panel Over: **Forensic Anthropology**	Panel Over: **Forensic Engineering**
	Workshop On: **Forensic Entomology**	Workshop On: **Advances in Separation Techniques**	Workshop On: **Chromatography as a Separation Technique**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Advancements in Sample Preparation Techniques**	Talks On: **Applications of Separation Techniques**	Talks On: **Analytical Biotechnology**
	Lectures on: **Raman Spectroscopy**	Lectures on: **FTIR**	Lectures on: **X-Ray Crystallography**
06:00 PM	Session On: **Pharmaceutical Analysis**	Session On: **Absorption Spectroscopy in Pharmaceutical Analysis**	Session On: **Modern Pharmaceutical Analysis**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 3, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Pharmaceutical Nanotechnology**	Talks On: **Process Analytical Chemistry**	Talks On: **Micro-Analytical Systems**
	Talks On: **Nanotechnology**	Talks On: **Flow Injection Analysis**	Talks On: **Thermal Analysis and Glycomics**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Differential Thermal Analysis**	Panel Over: **Evolved Gas Analysis (EGA)**	Panel Over: **Metabolomics**
	Workshop On: **Applications of Analytical and Bioanalytical Methods**	Workshop On: **Chemometrics, Marine Products, and Food Science**	Workshop On: **Advances in Micro/Nano-Bioanalysis**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Method Development and Validation Reports**	Talks On: **New Instrumentation and Equipment**	Talks On: **LC-MS Based Nontargeted Metabolomics**
	Lectures on: **Analytical Instruments for Nanomaterial Characterization**	Lectures on: **NMR Analysis of Complex Natural Samples**	Lectures on: **Regulatory Issues and Biosafety Challenges in Bioanalysis**
06:00 PM	Session On: **Current Quality and Regulatory Issues Associated with Traditional Medicines**	Session On: **Overview of LC-MS Bioanalysis Related Regulations**	Session On: **Regulatory Issues Associated with Traditional Chinese Medicine**
	NETWORKING	**NETWORKING**	**NETWORKING**

Renowed Speakers



Peter Harrington
Clippinger Laboratories
USA



Chen Yang
Boston University
USA



Sebastian Ziewer Arndts
Analyticon Instruments Gmbh
Germany



Abdeen Omer
Energy Research Institute
UK



Mirosaw Kwiatkowski
AGH University of Science and Technology
Poland



Kalina Kamenova
Sofia University
Bulgaria



Emmanuel Mikros
University of Athens
Greece



Konul Babayeva
Ondokuz Mayis University
Turkey



Alexander A Kamnev
Russian Academy of Sciences
Russia



Yulia Petrova
Surgut State University
Russia



Natalia P. Zaksas
Nikolaev Institute of Inorganic Chemistry
Russian Federation



Vladimir Yu Guskov
Bashkir State University
Russia



Yuqian Liu
Southeast University
P R China



Xiaojun Qu
Southeast University
P R China



Haojun Jin
Southeast University
P R China



Tu Yifeng
Soochow University
P R China

Renowed Speakers



Beibei Zhang
Southeast University
China



Shuyan Zhang
Southeast University
China



Philiswa N Nomngongo
University of Johannesburg
South Africa



Moustafa Khalifa
Drug and Food Quality Control Laboratories
Ministry of Health
Kuwait



Hyeseon Lee
Pohang University of Science and Technology
South Korea



Menbere Leul Mekonnen
National Taiwan University of Science and Technology
Taiwan



Masahiro Yoshimura
National Cheng Kung University
Taiwan



Sukanya Ramaraj
National Taipei University of Technology
Taiwan



Sakthivel Mani
National Taipei University of Technology
Taiwan



GVV Liyanaarachchi
Industrial Technology Institute
Sri Lanka



Safwan Ashour
University of Aleppo
Syria

Featured Speaker Presentations

Application of restricted boltzmann machines to analytical chemistry

Peter Harrington, Clippinger Laboratories, USA

Protein post translational modification analysis enabled by supramolecular receptors

Wenwan Zhong, University of California, USA

Highly sensitive and high-speed imaging carbon nanomaterials by transient absorption microscopy

Chen Yang, Boston University, USA

Transmission raman spectrometry: New approaches for quality control efficient and easy to use

Sebastian Ziewer Arndts, Analyticon Instruments Gmbh, Germany

A two-jet plasma as a promising excitation source for aes analysis of powdered samples

Natalia P. Zaksas, Nikolaev Institute of Inorganic Chemistry, Russian Federation

Molecular imprinting of dyes in glutathione-SiO_2 monolithic polymer

Yulia Petrova, Surgut State University, Russia

Novel chiral stationary phases for chromatography based on supramolecular structures of a chiral heterocyclic compounds

Vladimir Yu Guskov, Bashkir State University Chemical Faculty, Russia

Heterocovariance a new tool for the efficient detection of bioactive compounds in complex mixtures

Emmanuel Mikros, University of Athens, Greece

How far deep can we annotate natural products with mass spectrometry? Perspectives and issues for large scale metabolome profiling

Jean-Luc Wolfender, University of Geneva, Switzerland

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Featured Speaker Presentations

A study on the effect of lead on the biodistribution of calcium, copper, iron, lead and zinc in Pb-intoxicated mice

Kalina Kamenova, Sofia University, Bulgaria

Quantum dots based ratiometric fluorescent sensors for bioanalysis

Yuqian Liu, Southeast University, P R China

Strand displacement amplification on quantum dot-encoded silica beads for multi-plexed assay of miRNAs

Xiaojun Qu, Southeast University, P R China

Indicator displacement based quantum dots ligand probes for biomarker detections

Haojun Jin, Southeast University, P R China

Identify of oxilofrine in human urine by LC-MS/MS

Wu Y, China Anti-Doping Agency, China

An electrochemiluminescent sensing device for living cell oxygen metabolism monitoring

Tu Yifeng, Soochow University, P. R. China

Detection of target DNA with a novel Cas9/sgRNAs-associated reverse PCR (CARP) technique

Beibei Zhang, Southeast University, China

Genes directly regulated by NF-κB in human hepatocellular carcinoma $HepG_2$

Shuyan Zhang, Southeast University, China

Environment and development: Biomass for future

Abdeen Mustafa Omer, Energy Research Institute (ERI), Nottingham, UK

Biodiversity and environmentally sustainability

Abdeen Omer, Energy Research Institute, UK

Proximate analysis, translocation and elemental distribution of celosia trigyna L from the western geographical region of Nigeria

Adebimpe Esther Ofusori, University of KwaZulu-Natal, South Africa

ANALYTICAL CHEMISTRY

Featured Speaker Presentations

Imprintented membrane coupled with activated carbon for improved chromium removal

Pakade V.E, Vaal University of Technology, South Africa

Determination of thallium in water samples using inductively coupled plasma optical emission spectrometry (ICP-OES) after ultrasonic assisted-dispersive solid phase microextraction.

Philiswa N. Nomngongo, University of Johannesburg, South Africa

Novel strategies for colorimetric sensing of reactive oxygen species

Yasumasa Kanekiyo, Kitami Institute of Technology, Japan

Identification of some analogues of synthetic phosphodiesterase type-5 (PDE-5) inhibitors Illegally adulterated in natural herbal products Intended to be Use for Improve Sexual Potency for Men in Kuwait .

Moustafa Khalifa, Drug and Food Quality Control Laboratories , Ministry of Health , Kuwait

Modeling the effect of nano materials on biological molecule

Medhat Ibrahim, National Research Centre, Egypt

Validated LC-MS/MS method for the detection and characterization of In vitro, In vivo and reactive metabolites of ponatinib with metabolic stability and bioactivation pathway elucidation

Sawsan M. Amer, Cairo University ,Faculty of Pharmacy, Egypt

Modeling the effect of nano materials on biological molecule

Hanan Elhaes, Ain Shams University, Egypt

A simple flow system for the determination of copper bassed on spectrometric detection

Konul Babayeva, Ondokuz Mayis University, Turkey

Multivariate feature extraction method for spectroscopy in prediction and classification

Hyeseon Lee, Pohang University of Science and Technology, Korea

Featured Speaker Presentations

Two-dimensional metal chalcogenides analogous $NiSe_2$ nanosheets and its efficient electrocatalytic performance towards glucose sensing

Sukanya Ramaraj, National Taipei University of Technology, Taiwan

Electrochemical synthesis of poly(3,4-ethylenedioxythiophene) on terbium hexacyanoferrate for sensitive determination of tartrazine in various food samples

Sakthivel Mani, National Taipei University of Technology,Taiwan

Hybrid flexible plasmonic SERS substrate with improved assemblage of $Ag@SiO_2$ nanocubes on a miniaturized paper platform for detection of melamine

Menbere Leul Mekonnen, National Taiwan University of Science and Technology, Taiwan

Direct fabrication and characterization of functionalized graphenes and their hybrids via submerged liquid plasma [SLP] and electrochemical exfoliation [ECE] under ambient conditions

Masahiro Yoshimura, Kung University, Tainan, Taiwan

Validation of a tandem mass spectrometric method for direct analysis of free amino acids in rice

GVV Liyanaarachchi, Industrial Technology Institute, Sri Lanka

Anti-thrombocytopenic and Anti-leukopenic properties of syzygium cumini (L.) Skeels (myrtaceae) leaves in a murine model

Teresa May B. Bandiola, University of Santo Tomas, Philippines

Enantioseparation of some antifungals using covalently immobilized polysaccharide based chiral selectors and polar organic mobile phases by HPLC

Nadia Bounoua, University of Bechar, Algeria

Spectrophotometric determination of moxifloxacin and methyldopa in pharmaceutical formulations using oxidative coupling reactions

Safwan Ashour, University of Aleppo, Aleppo, Syria

ANALYTICAL CHEMISTRY

Past Affiliates

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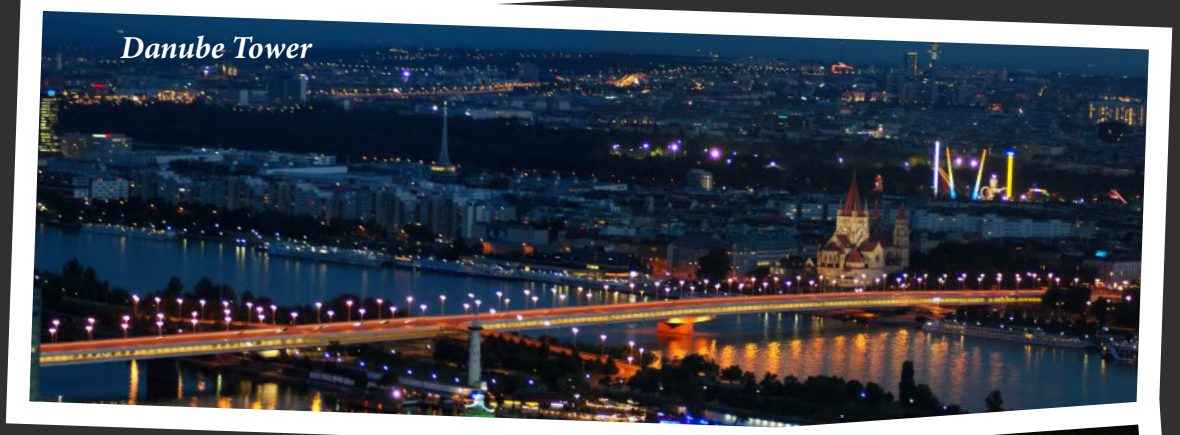
Lee Suan Chua
Universiti Teknologi Malaysia, Malaysia

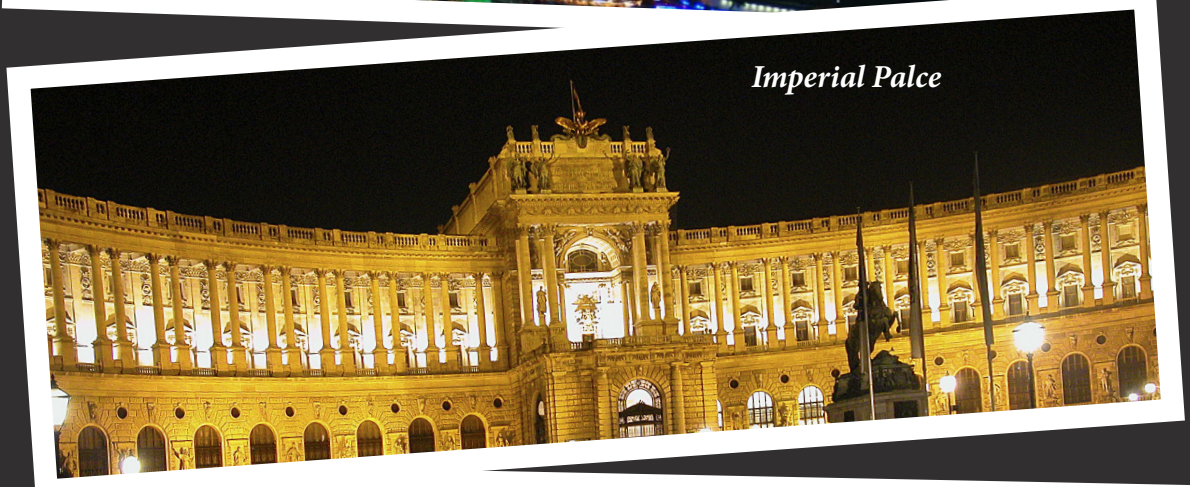
PLAN A TRIP TO Vienna: DESTINATION OF Analytical Chemistry 2018

Vienna is the capital of Austria that lies in the country's east on the Danube river. Its artistic and intellectual legacy was shaped by residents including Mozart, Beethoven and Sigmund Freud. The city is also known for its imperial palaces, including Schonbrunn, the Hapsburgs summer residence. In the museums quartier district and contemporary buildings display works by egon schiele, gustav Klimt and other artists. Top tourist places in Vienna: kitzbuhel horn, belvedere complex, burggarten, graben, Hofburg imperial palace, ringstrasse, Schonbrunn palace, Spanish riding school, St Stephen's cathedral, wiener rathaus. Vienna city of research: Vienna's refinement as a place for scientific research and development goes back numerous hundreds of years, it is one of the most oldest university cities in Europe. Today, with 190,000 students, Vienna is the greatest college city in the German-talking nations - with a larger number of students than berlin or munch. Around a fourth of the city's enlisted students originated from abroad. The exploration scene is formed by nine universities, five specialized schools, and additionally very nearly 1,500 research institutions. Working in Vienna implies finding an inventive and fortifying condition. Living in vienna likewise implies living in a city that is consistently evaluated as having the best quality of life. Facts and figures- vienna is the focal point of research in Austria: more than 40,000 researchers work in Vienna; more than EUR 2.8 billion are invested into research every year. Around 35 percent of all scientists in Austria are situated in Vienna. Almost 40 percent of Austrian research expenditure can be attributed to the city. The research share of Vienna as of now surpasses 3.5 percent of GDP, thus meeting the Europe 2020 target of the European Union long before the 2020 deadline. 30 percent of all Austrian research institutions are situated in Vienna. Research activity is not constrained to colleges and expansive research organizations. Over the previous years, the quantity of organizations directing examination has ascended by more than 50 percent. Altogether, just about 1,500 research organizations are dynamic in Vienna, more than 50 percent of these are businesses.

Tourist Attractions at Vienna, Austria









Tourist Attractions at Vienna, Austria







