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Tentative Program

18th Annual

Pharmaceutical Chemical Analysis Congress

November 05-06, 2018 Madrid, Spain

Theme: "Pioneering Expansion in the World of Pharmaceutical Chemical Analysis"



For Available Speaker Slots

analysis@pharmaceuticalconferences.org

Conference Secretariat

Conference Series LLC 2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Tel: +1-888-843-8169, Fax: +1-650-618-1417, Ph: +1-650-268-9744, Toll free: +1-800-216-6499

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https://pharmaceuticals.conferenceseries.com/

18th Annual

Pharmaceutical Chemical Analysis Congress

November 05-06, 2018 Madrid, Spain

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
		09.00-09.15	Inaugural Address
	Least of 3 Keynote/Plenary Talks	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)		
	15.45-17.45	6 Speakers (20 Mins Each)	

20 Speakers on Day 1

Day 2

Morning Sessions		Time	Session 1	Session 2
	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 Sessions	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)
	Closing Cermony			
	NOTE: Program Shedule is subject to change with final allotment of the speaker slots			

40 Speakers on Day 2

For More Details, Visit : http://analysis.pharmaceuticalconferences.com
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Conference Highlights

- Analytical Chemistry
- Pharmaceutical Chemistry
- Analytical Method Development And Validation
- Drug Discovery and Development
- Modern Pharmaceutical Analysis
- Pharmaceutical Nanotechnology
- Chromatography & Separation Techniques
- Chemical Imaging
- Drug Analysis
- GLP And GMP Method Development, Validation and Remediation
- Pharmaceutical and Biomedical Analysis
- Forensic Analysis
- Food Analysis
- Pharmaceutical Technology and Development
- Pharmaceutical Analysis Errors
- Biopharmaceutical Research & Development Process
- Pharmaceutical Microbiology
- Quality Control and Methods of Biotech Drug
- Biosensors in Analytical Chemistry
- Pharmaceutical Chemical Engineering



Glimpses of Pharma Analysis Conferences









Glimpses of Pharma Analysis 2017









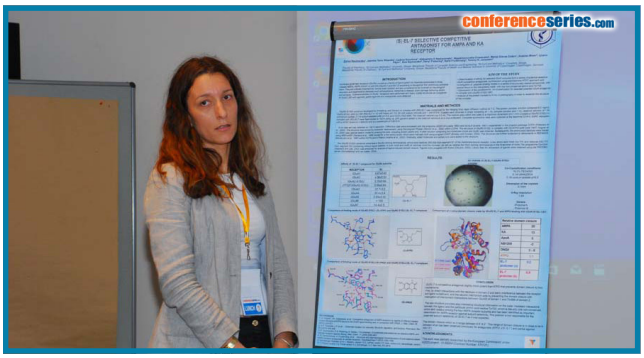












TOURIST DESTINATIONS IN MADRID



Buen Retiro Park



Royal Palace of Madrid



Plaza Mayor, Madrid



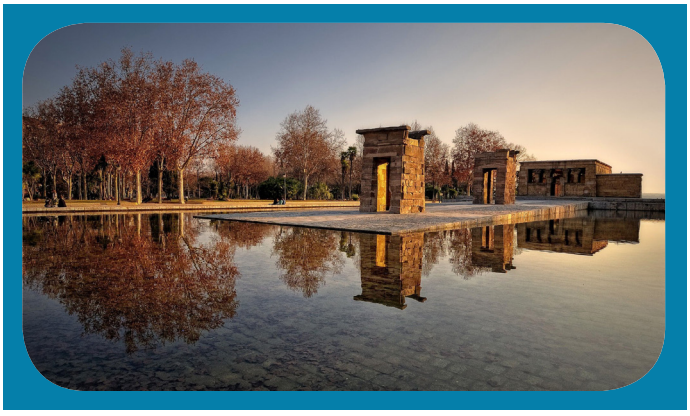
Museo Nacional Del Prado



Puerta del Sol



El Escorial



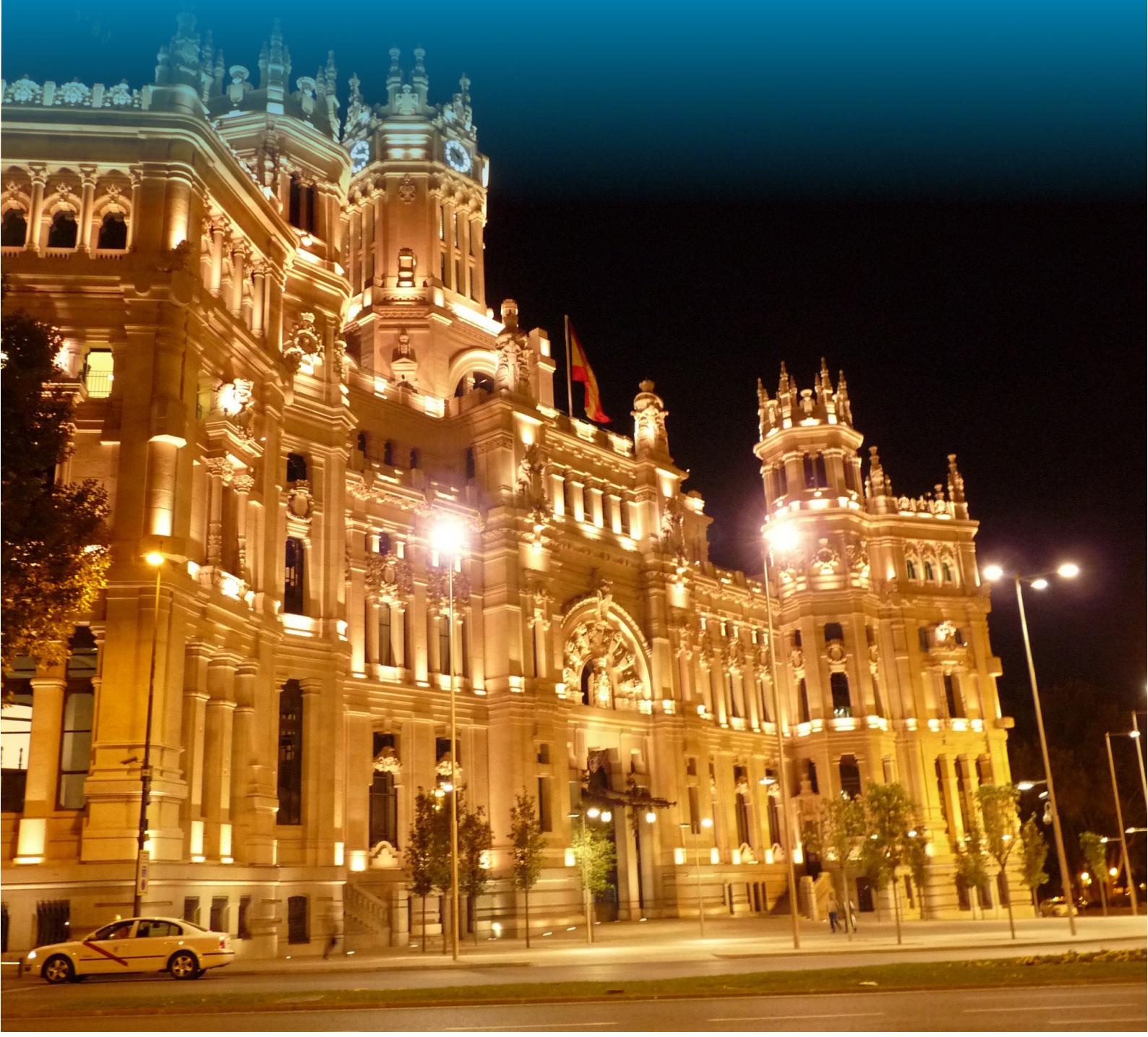
Temple of Debod



Palacio de Cristal

Conference Venue

Madrid, Spain



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Pharma Analysis 2018
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Scientific Program

3rd International Conference and Expo on

DRUG DISCOVERY & DESIGNING

and

9th Annual

PHARMACEUTICAL CHEMICAL ANALYSIS CONGRESS

October 02-03, 2017 Vienna, Austria



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series - UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

Day 1 October 02, 2017

Registrations

Fleming's 7+8

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Opening Ceremony

Keynote Forum

Introduction

Title: Development and bio-applications of nontoxic C-Dots

Roger M Leblanc, University of Miami, USA

Title: How conformational dynamics descriptors may help in remodelling of allosteric regulation in proteins

Luba Tchertanov, CNRS, France

Group photo

Networking & Refreshment Break

Title: Can matrix effect in LC/MS or LC/MS/MS assay be avoided or fully compensated?

Miroslav Ryska, Quinta-Analytica, Czech Republic

Sessions: Pharmaceutical Reasearch, Development and Technology | Advances and Applications in HPLC Techniques | Analytical Chemistry | Quality Control, Quality Assurance and Regulatory Filings | Pharmaceutical Nanotechnology | Methods of Chromatography | Drug Formulation & Drug Design Pre-Formulation | Novel Detection Technologies and Drug Discovery

Session Chair: Salah M Blaih, Kent State University, USA

Session Chair: M Sharaf El-Din, University of Mansoura, Egypt

Session Introduction

Title: Personalized cancer therapeutics: Updates on drug developments and characterization of biosimilars

Salah M Blaih, Kent State University, USA

Title: Spectrophotometric methods for simultaneous determination of rivaroxaban and clopidogrel in their binary mixture

M Sharaf El-Din, University of Mansoura, Egypt

Title: Integrating 180° DLS into on-line pharmaceutical processes and high-throughput robotics

Thomas D Benen, Microtrac GmbH, Germany

Lunch Break

Title: Analysis of microbiomolecule-nanoparticle drug delivery system using circular dichroism spectroscopy

Roger M Leblanc, University of Miami, USA

Title: Biocorona of polymeric nanovesicles affects the therapeutic outcome of nanomaterials

Fabiola Porta, University of Basel, Switzerland

Title: Liquid chromatography-tandem mass spectrometry increases the clinical outcome from the antimicrobial therapy used in intensive care units

Nahed El-Najjar, University Hospital Regensburg, Germany

Title: The evaluation of stir-bar sorptive extraction and dispersive liquid-liquid microextraction methods for the determination of 20 pharmaceuticals in environmental waste water

Yuan-Po Lee, Chia Nan University of Pharmacy and Science, Taiwan

Title: The stability of cefoperazone/sulbactam (sulperazone) in PD solutions

Somjing Roongjang, Chiang Mai University, Thailand

Networking & Refreshment Break

Title: Rational design of small molecule immune checkpoints' inhibitors: The PD-1 challenge
Khaled Barakat, University of Alberta, Canada
Title: Non-volatile extractable analysis of prefilled syringes for parenteral administration of drug solutions
Iben Larsson, Amgros, Germany

Panel Discussion

Day 2 October 03, 2017

Fleming's 7+8

Sessions: Pharmaceutical Reasearch, Development and Technology | Advances and Applications in HPLC Techniques | Analytical Chemistry | Quality Control, Quality Assurance and Regulatory Filings | Pharmaceutical Nanotechnology | Methods of Chromatography | Drug Formulation & Drug Design Pre-Formulation | Novel Detection Technologies and Drug Discovery

Session Chair: Rucha Majmundar Mehta, R Q Consultants, India

Session Introduction

Title: The importance of pharmacovigilance
Rucha Majmundar Mehta, R Q Consultants, India
Title: Health risk of lead poisoning in four edible snail samples obtained from Bayelsa State, Nigeria
Douye P Markmanuel, Isaac Jasper Boro College of Education, Nigeria
Title: Chronotherapeutically active formulations of valsartan to treat early morning surge in blood pressure
Gupta P D, Manipal University, India

Networking and Refreshments Break

Poster Presentation

DD&PA001	**Title: Synthesis of creatine derivatives for the treatment of creatine deficiency disorders** **Maria Arkel,** University of Genova, Italy
DD&PA002	**Title: Design, optimization and characterization of coenzyme Q10 and D-panthenyl triacetate loaded liposomes** **Ali Asram Sagıroglu,** Bezmialem Vakıf University, Turkey
DD&PA003	**Title: Development of a Middle Eastern respiratory syndrome coronavirus DNA vaccine using baculoviral delivery system** **Young Bong Kim,** Konkuk University, South Korea
DD&PA004	**Title: (S)-EL-7 new selective competitive antagonists for AMPA and KA receptors** **Zorica Naumovska & Jasmina Tonic Ribarska,** Ss. Cyril and Methodius University, Macedonia
DD&PA005	**Title: Electrophoresis of an emulsion droplet near a charged plane** **Shan-Chi Tsai,** National Taiwan University, Taiwan
DD&PA006	**Title: Influence of extraction solvent in determination of selected corticosteroids in herbal dermatological products** **Snježana Zubčić,** Agency for Medicinal Products and Medical Devices of Croatia, Croatia
DD&PA007	**Title: Formulation and evaluation of camptothecin suppository as drug delivery for colorectal cancer** **Fatmi Sofiane,** Abderrahmane-Mira University, Algeria
DD&PA008	**Title: Dosage method validation using UV for prednisone active ingredient in 5 mg, PRECORTYL® generic pill- Princeps dissolution kinetic study** **R Ketrane,** Université de Bejaia, Algeria
DD&PA009	**Title: Effects of curcumin and insulin on glucose transporter translocation from intracellular compartments into the cytoplasmic membrane of C2C12 Myotubes** **Javad Mohiti-Ardekani,** Shahid Sadoughi University of Medical Science, Iran

Lunch Break

Title: The effect of cRGDfV on the behavior of 3D spheroid invasion assay and 2D models
Manar Zraikat, The University of Jordan, Jordan
Title: Evaluation of medicine distribution, regulatory privatization, social welfare services and its alternatives
Abdeen Omer, Ministry of Health and Social Welfare, Sudan
Title: Life beyond science
V Ravi Chandran, Life Enhancing Technologies, USA
Title: Simulating wild animals' self-medication using human diseased-animal models to search new therapeutics: A novel insight on how to discover pharmaceuticals from natural medicines
Wael Ebied, Abbott Laboratories SA, UAE
Title: Electrically driven dosage form development
Zeeshan Ahmad, De Montfort University, UK
Title: Quantitative determination of natural colorants of agro-industrial waste materials using supercritical extraction technique and high performance liquid chromatography
Imeda Rubashvili, Javakhishvili Tbilisi State University, Georgia

Networking and Refreshments Break

Title: In the framework of global trade, sustainability and industry demand for technological innovation, what kind of sustainable "green" chemical engineering for the design of the "factory of future"?
Jean-Claude Charpentier, Université de Lorraine, France
Title: Anti-obesity potency of *Mangosteen peel* extract and its compounds on mouse 3t3-l1 preadipocytes
Wahyu Widowati, Maranatha Christian University, Indonesia

Panel Discussion

Awards & Closing Ceremony

Bookmark your dates

4th International Conference and Expo on
Drug Discovery & Designing
September 06-07, 2018 London, UK
E: drugdiscovery@pharmaceuticalconferences.org
W: drug-discovery.pharmaceuticalconferences.com

10th Annual Pharmaceutical Chemical Analysis Congress
November 05-06, 2018 Madrid, Spain
E: analysis@pharmaceuticalconferences.org
W: analysis.pharmaceuticalconferences.com

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1331st Conference

SCIENTIFIC PROGRAM

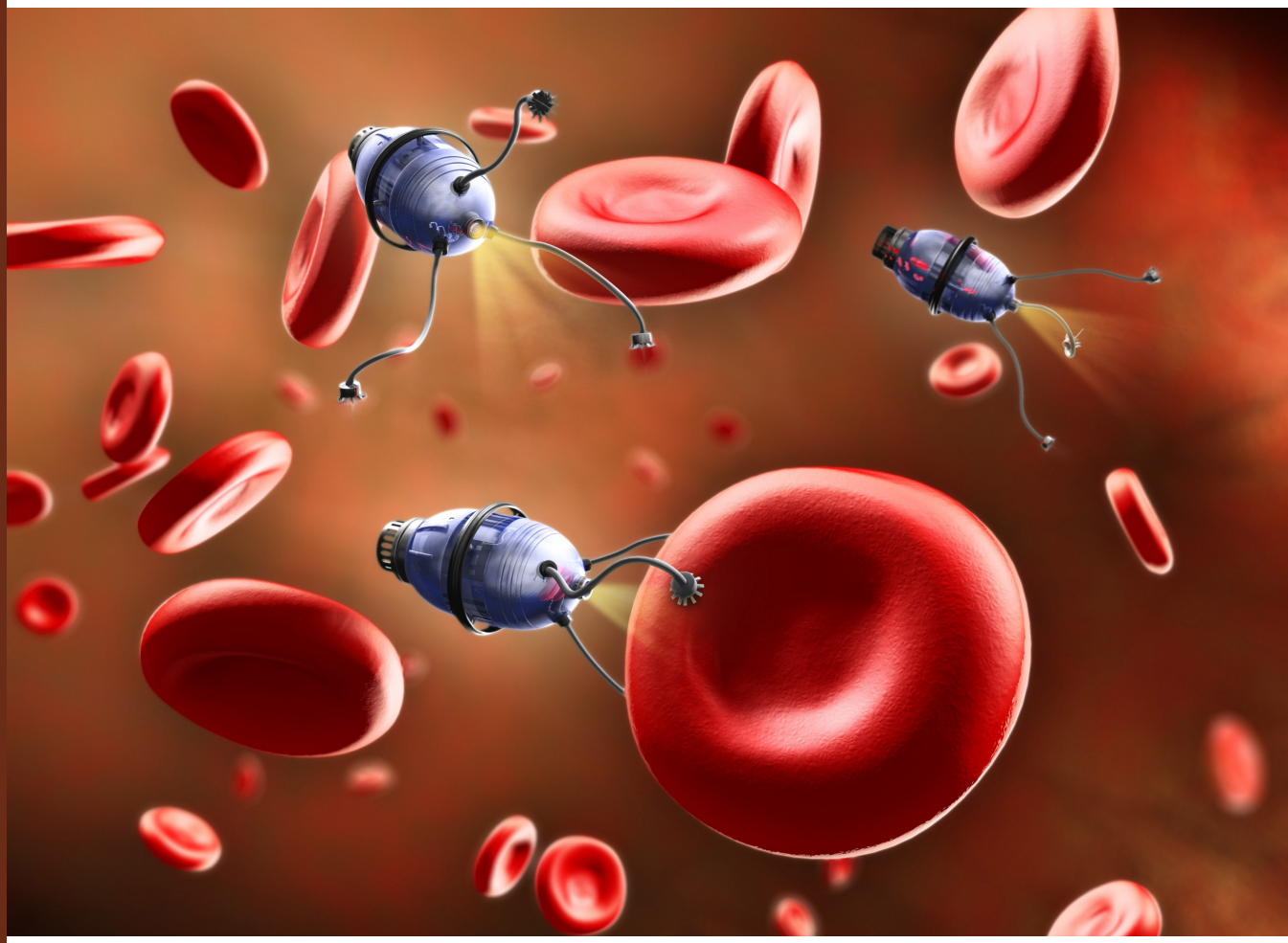
11TH WORLD DRUG DELIVERY SUMMIT

October 16-18, 2017 Baltimore, USA

DRUG DELIVERY 2017

Exhibitor

iCeutica
Making Drugs Better



Conference Series - America
One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA P: +1-702-508-5200, F: +1-650-618-1417

Conference Series - UK
Kemp House, 152 City Road, London EC1V 2NX Toll Free: +1-800-216-6499

Day 1 October 16, 2017

Registrations

Conference Hall-Greenspring4

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Opening Ceremony

Keynote Forum

Introduction

Title: Conjugates of γ-carbolines and phenothiazine as new multitarget inhibitors of butyrylcholinesterase and blockers of NMDA receptors for Alzheimer disease

Gjumrakch Aliev, GALLY International Biomedical Research Consulting LLC., USA

Title: Nanomaterials in regenerative medicine and cancer therapy

Esmaiel Jabbari, University of South Carolina, USA

Group Photo

Panel Discussion

Networking & Refreshment Break

Title: Lipid nanoparticles for delivery of therapeutic oligonucleotides

Robert J Lee, The Ohio State University, USA

Title: Challenges in evaluation of nanomedicine pharmacokinetics and generic bioequivalence

Stephan Stern, Nanotechnology Characterization Lab, USA

Sessions:

Smart Drug Delivery Systems | Pharmaceutical Nanotechnology | Drug Delivery Technology | Drug Targeting and Design | Major Challenges in Drug Delivery | Recent Advances in Drug Delivery

Session Chair: Esmaiel Jabbari, University of South Carolina, USA

Session Co-Chair: Qing Li, MedImmune, USA

Session Introduction

Title: Immunological properties of nanotechnology-based complex drug formulations and challenges in their preclinical characterization

Marina A Dobrovolskaia, Nanotechnology Characterization Lab, USA

Panel Discussion

Lunch Break

Title: Understanding the impact of PEGylation on pharmacokinetic and biophysical properties of PEGylated diabody

Qing Li, MedImmune, USA

Title: Myocardial drug distribution following epicardial drug delivery: Potential impact of cardiac capillary perfusion in a swine model

Maslov M Y, Tufts University School of Medicine, USA

Title: Bioavailability enhancement using submicron particles

Maura Murphy, iCeutica Operations LLC, USA

Title: Future of biomarkers in drugs, biologics, and device development: A US FDA initiative

Nina Mezu-Nwaba, United States Food and Drug Administration, USA

Title: The oral bioavailability behavior of AuNPs conjugated with Chitosan

Ahmed Alalaiwe, Prince Sattam Bin Abdulaziz University, Saudi Arabia

Title: Investigation of BBN-HPMA conjugates for targeting Gastrin Releasing-Peptide (GRPR) Receptor

Sameer Alshehri, University of Nebraska Medical Center, USA

Title: Cyclic thiosulfinates "click" couple with dithiols, enabling *in vivo* pharmacological chaperones, an alternative to di-ene-mediated crosslinking, and cargo transport across the cell membrane

Jeffrey N Agar, Northeastern University, USA

Panel Discussion

Networking & Refreshment Break

Day 2 October 17, 2017

Conference Hall-Greenspring4

Keynote Forum

Title: Delivery of peptides by non-invasive routes: Focus on successful oral technologies progressing in the clinic and future challenges
Joël Richard, IPSEN, France

Title: Peptide PEGylation strategies for drug development
Kang Choon Lee, SungKyunKwan University, South Korea

Panel Discussion

Networking & Refreshment Break

Title: What is happening in GI tract? – Recent progress in formulation technologies for oral delivery of poorly soluble drugs
Kohsaku Kawakami, National Institute for Materials Science, Japan

Title: Lipid nanocapsules: A new platform for oral drug delivery system
Emilie Roger, Université d'Angers, France

Sessions:
Routes of Drug Administration | Novel Drug Delivery Systems | Peptide and Protein Drug Delivery | Drug Targeting and Design | Nucleic Acid Based Drug Delivery

Session Chair: Robert J Lee, The Ohio State University, USA
Session Co-Chair: L A Avila, Auburn University, USA

Session Introduction

Title: Nature-inspired multilayered capsules based on stimuli-responsive polymers: A new design for the multi-step release of drugs
Srinivasa R Raghavan, University of Maryland, USA

Title: Delivery of lethal dsRNAs in insect diets by branched amphiphilic peptide capsules
L A Avila, Auburn University, USA

Title: CCK-B targeted PEG-poly (L-Lysine) polyplex micelle for the effective delivery of gastrin siRNA to the pancreatic cancer
Abdullah Mahmud, Nanotechnology Characterization Lab, USA

Lunch Break

Title: Physicochemical properties and *in vitro* cytotoxicity evaluation of polymer-drug conjugates for combination therapy
Blessing Aderibigbe, University of Fort Hare, South Africa

Panel Discussion

Title: Multiparticulate drug delivery systems for Parkinson´s disease
Emilia Barcia, Universidad Complutense, Spain

Title: Ocular and plasmic dexamethasone distribution following controllable continuous sub-tenon drug delivery in rabbit
Ding Lin, Central South University, China

Title: Study of delayed-release of carboxyfluorescein from liposome-loaded chitosan physical hydrogels
Soline PEERS, Ingénierie des Matériaux Polymères, France

Title: A new methodology in drug delivery
Mehran Ghiaci, Isfahan University of Technology, Iran

Title: Stability-indicating HPTLC method for simultaneous determination of Ketoprofen, methyl paraben and propyl paraben in gel formulation
Pallavi Mangesh Patil, P.E. Society's Modern College of Pharmacy, India

Panel Discussion

Networking & Refreshment Break

Day 3 October 18, 2017

Hall-Foyer

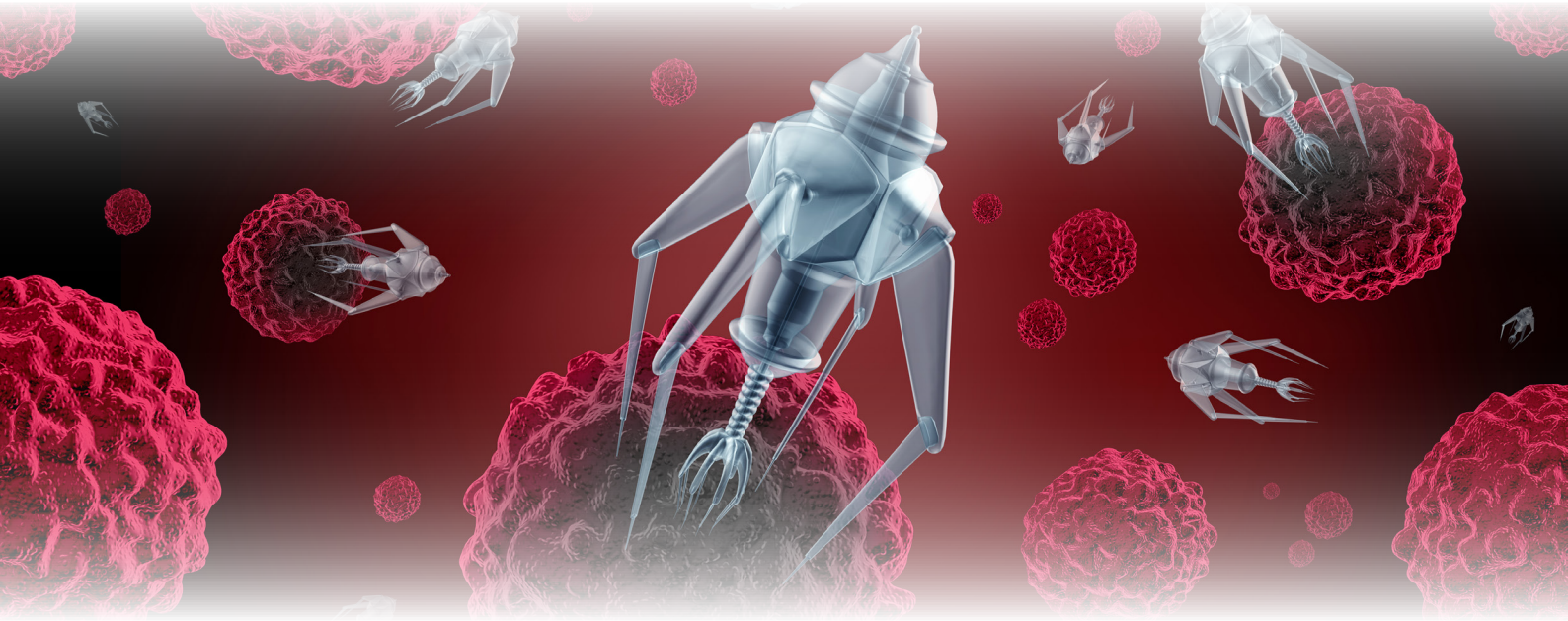
Poster Presentations

FR 01	**Title: Pharmacokinetics of a doxorubicin loaded porphyrin-phospholipid liposome in wistar rats** **Sarah Skoczen,** Nanotechnology Characterization Lab, USA
FR 02	**Title: Controlled-release macromolecular prodrug platform for targeting scavenger receptor A1** **David Stevens,** Nanotechnology Characterization Lab, USA
FR 03	**Title: Study co-aggregations of nucleic acid nanostructures with tetracycline molecules and their potential applications in smart drug delivery** **Nouf Alzahrani,** Rutgers University, USA
FR 04	**Title: Formulation of a natural Intraoral Dispersible Film (IDF) for intraoral delivery of various natural drugs using edible rice paper film as the carrier vehicle** **Mukasa Eliphaz,** University of the Witwatersrand, South Africa
FR 05	**Title: Controllable continuous sub-tenon drug delivery of dexamethasone disodium phosphate to ocular posterior segment in rabbit** **Xuetao Huang,** Central South University, China
FR 06	**Title: Nitric oxide-releasing self-assembled nanoparticles as a chemo sensitizing agent for improved anticancer activity** **Kyung Hyun Min,** Kyung Hee University, Republic of Korea
FR 07	**Title: The comparison of the effect of experimental Staphylococcus aureus endophthalmitis of different CFU counting** **Yi-qin Duan,** Central South University, China
FR 08	**Title: Application of one and two dimensional NMR techniques in drug delivery experiments** **Koppány Kovács,** University of Debrecen, Hungary
FR 09	**Title: Targeting of therapeutic agents to the brain based on liposomes: A new method to control and improve the symptoms of Parkinson's disease** **Meygal Kahana,** Rappaport Faculty of Medicine, Israel
FR-10	**Title: The effect of dyes on the interaction of HSA with monoclonal antibody** **Sándor Viski,** University of Debrecen, Hungary
FR 11	**Title: Current regulatory trends and applicability of biomarkers in drugs, biologics and devices: A US FDA Outlook** **Nina Mezu-Nwaba,** United States Food and Drug Administration, USA

Thanks Giving & Closing Ceremony

Panel Discussion

Lunch Break



JOINT EVENT

Scientific Program

8th Annual Congress on

Analytical and Bioanalytical Techniques

&

14th International Conference and Exhibition on

Pharmaceutical Formulations

August 28-30, 2017 Brussels, Belgium



Day 1 August 28, 2017

Registrations

Ambassdor

Opening Ceremony

Keynote Forum

Introduction

Title: Sweat sample processing, method development, and bioinformatic analysis for biomarkers of physical fatigue

Jennifer A Martin, Air Force Research Laboratories, USA

Title: Analytical strategies for sensitive quantitation of drugs and biomarkers from low blood sample volumes

Marianne Fillet, University of Liege, Belgium

Title: Thermogravimetric study on preparation of $NiTiO_3$ in different reactions times

R V Rodrigues, University of Sao Paulo, Brazil

Networking and Refreshments Break

Title: Follow-on innovation relating to block-buster drugs – innovators, timing, and private value

Andrew F Christie, University of Melbourne, Australia

Sessions: Analytical Techniques for Clinical Chemistry | Chemical Analysis

Session Chair: Rasha Hanafi, German University in Cairo, Egypt

Session Co-chair: Graham Dawson, Xian Jiaotong Liverpool University, China

Session Introduction

Title: Determination of capecitabine and its metabolites in plasma of Egyptian colorectal cancer patients

Rasha Hanafi, German University in Cairo, Egypt

Title: A potential universal cancer biomarker revealed by bioimaging of fluorescent probes for point-of-care screening of cancer

Ta-Chau Chang, Academia Sinica, Taiwan

Title: Surface functionalization and analysis of nanomaterials towards modification of their properties

Graham Dawson, Xian Jiaotong Liverpool University, China

Title: TiO_2 based nanoparticles as solid support for chemiluminescence detection: A range of analytical applications

Entesar H, Kuwait University, Kuwait

Group Photo

Lunch Break

Sessions: Pharmaceutical Formulations | Liquid Dosage Forms | Pharmaceutical Analysis

Session Chair: Roger M Leblanc, University of Miami, USA

Title: Development and bioapplications of nontoxic carbon dots

Roger M Leblanc, University of Miami, USA

Title: Cyclodextrin-based formulations: The present and the future

Tamas Sohajda, Cyclolab Ltd., Hungary

Title: Optimizing early phase development of amorphous solid dispersion formulation thorough application of modeling tools

Samuel Kyerematen, AbbVie Deutschland GmbH & Co. KG, Germany

Title: Properties of bacterial cellulose wound dressing containing sericin and polyhexamethylene biguanide

Supamas Napavichayanun, Chulalongkorn University, Thailand

Sessions: Mass spectrometry | Electrochemical analysis | Spectroscopy

Session Chair: Yoshitaka Fujimoto, National university in Tokyo, Japan

Session Co-chair: Daria V Navolotskaya, Saint-Petersburg State University, Russia

Title: Rapid determination of U-236 in the soil contaminated by the fukushima daiichi nuclear power plant accident using single extraction chromatography combined with triple-quadrupole inductively coupled plasma-mass spectrometry

G S Yang, Hirosaki University, Japan

Title: Resonant X-ray emission spectroscopy for analysis of platinum anti-cancer complexes and their interaction with biomolecules

Joanna Czapla-Masztafiak, Institute of Nuclear Physics Polish Academy of Sciences, Poland

Title: First-principles theoretical investigation of graphene for sensor applications

Yoshitaka Fujimoto, Tokyo Institute of Technology, Japan

Networking and Refreshments Break

Title: Applications of near infrared and raman spectroscopy for the analysis of counterfeit medicine

K Dégardin, Roche, Switzerland

Title: Interrupted amperometry: A new ultrasensitive electroanalytical method

Daria V Navolotskaya, Saint-Petersburg State University, Russia

Title: Electrochemical sensing of analytes using conducting polymers

M V Sangaranarayanan, Indian Institute of Technology, India

Title: Fluorescence quenching and diffusion within Li salt added ionic liquid media

Anu kadyan, Indian Institute of Technology Delhi, India

Panel Discussion

Day 2 August 29, 2017

Ambassdor

Keynote Forum

Title: The gas chromatographic analysis of the reaction products of the partial isobutene oxidation as a two phase process

Thomas Willms, Helmholtz-Zentrum Dresden-Rossendorf, Germany

Title: New trends in high-resolution mass spectrometry use for drug metabolism & pharmacokinetics

Filip Cuyckens, Janssen R&D, Belgium

Networking and Refreshments Break

Title: Physical stability and drug crystallization kinetics in amorphous solid dispersions

Gabriele Sadowski, TU Dortmund University, Germany

Sessions: Spectroscopy | Separation Technique

Session Chair: Nobuyuki Ichinose, Kyoto Institute of Technology, Japan

Session Co-chair: David G Churchill, Korea Advanced Institute of Science and Technology, South Korea

Session Introduction

Title: Effect of laser-induced shockwave on molecules and particles in solution

Nobuyuki Ichinose, Kyoto Institute of Technology, Japan

Title: Synthetic steps towards reversible chalcogen-based sensing of essential neurodegenerative disease factors

David G Churchill, Korea Advanced Institute of Science and Technology, South Korea

Title: Forensic applications of chiral and stable isotope analysis

Sherlock Tai, Unviversity of Glasgow, UK

Title: Mass spectrometry: A complementary tool to ELISA for allergen detection

M Planque, University of Namur, Belgium

Lunch Break

Sessions: Pharmaceutical Formulations | Solid Dosage Forms | Novel Drug Delivery Systems | Drug Formulation Procedures | Pharmaceutical Excipients | Regulatory Affairs

Session Chair: Nagatoshi Nishiwaki, Osaka University, Japan

Session Introduction

Title: Synthesis of versatile aza-heterocyclic compounds by three component ring transformation
Nagatoshi Nishiwaki, Osaka Kyoiku University, Japan
Title: Long-term stability of pharmaceutical formulations - prediction of recrystallization and amorphous-amorphous phase separation
Christian Luebbert, TU Dortmund University, Germany
Title: Investigating the dissolution performance of dipyridamole and cinnarizine spray dried amorphous solid dispersion using proton NMR
Shrawan Baghel, Waterford Institute of Technology, Ireland
Title: Formulation and *in-vitro* evaluation of montelukast oral disintegrating (5 mg) tablets: Effects of diluents
Shahnaz Usman, College of Pharmaceutical Sciences Rakmhsu, UAE

Networking & Refreshment Break

Poster Presentations

ACP&PF001	**Title: A label-free genetic biosensor for diabetes based on AuNPs decorated ITO with electrochemiluminescent signaling** **Tu Yifeng,** Soochow Universit, P R China
ACP&PF002	**Title: MALDI biotyper system for oral microbial identification and diagnosis** **Hong-Lin Chan,** National Tsing Hua University, Taiwan
ACP&PF003	**Title: Determination of finasteride and relative metabolites by capillary electrophoresis** **Chun-Hsien Chen,** Kaohsiung Medical University, Taiwan
ACP&PF004	**Title: Analysis of isotretinoin and its metabolites by capillary electrophoresis with on-line preconcentration technique** **Ying-Xuan Huang,** Kaosiung Medical University, Taiwan
ACP&PF005	**Title: Simultaneous determination of phenylenediamines derivatizated with 5-(4, 6-dichlorotriazinyl) aminofluorescein by capillary electrophoresis** **Yen-Ling Chen,** Kaohsiung Medical University, Taiwan
ACP&PF006	**Title: Surfactant self-aggregation within deep eutectic solvents** **Mahipal,** Indian Institute of Technology, India
ACP&PF007	**Title: Photoluminescence properties and thermal investigation by TG-MS of RE(DAS)3·xH$_2$O, [RE = Eu3+, Tb3+]** **Rodrigo V Rodrigues,** University of Sao Paulo, Brazil
ACP&PF008	**Title: Identification and quantification of illegal peptide drugs via HILIC-DAD-MS** **Steven Janvier,** Universtiy of Ghent, Belgium
ACP&PF009	**Title: The role of the organoselenium in small molecular probe for detection of biologically important analytes** **Youngsam Kim,** Korea Advanced Institute of Science and Technology, Republic of Korea
ACP&PF010	**Title: Determination of 27 phenolic compounds in human urine by LC-MS/MS with online SPE system** **YoonJae Cho,** National Institute of Food and Drug Safety Evaluation, South Korea
ACP&PF011	**Title: Proteomic survey of metabolic pathways in xylose-fermenting yeasts *scheffersomyces stipitis*** **Hsiu-Chuan Chou,** National Tsing Hua University, Taiwan
ACP&PF012	**Title: Lamivudine-poly-E-caprolactone conjugate based particles for targeted drug delivery, synthesis and characterization** **Tomasz Urbaniak,** Wroclaw Medical University, Poland

ACP&PF013 **Title: Tolerogenicity, anti-melanogenicity and anti-tyrosinase effects of sericin on melanocyte and dendritic cells: A possibility to alleviate post inflammatory hyperpigmentation**

Supamas Napavichayanun, Chulalongkorn University, Thailand

ACP&PF014 **Title: Development and characterization of seed gums from *Cassia fistula* as disintegrating agent for fast disintegrating Thai cordial tablet**

Kampanart Huanbutta, Burapha University, Thailand

Panel Discussion & Award cerremony

Day 3 August 30, 2017

Ambassdor

Keynote Forum

Title: Metals and immunity: Explorations of a biological hexahistidine site

Elizabeth M Nolan, Massachusetts Institute of Technology, USA

Sessions: Mass Spectrometry | Analytical Techniques for Clinical Chemistry | Separation Technique

Session Chair: Kazuaki Wagatsuma, Tohoku University, Japan

Session Co-chair: MV Sangaranarayanan, Indian Institute of Technology, India

Session Introduction

Title: Application of internal standard method for determination of 3D-transition metallic elements in flame atomic absorption spectrometry using a multi-wavelength high-resolution spectrometer

Kazuaki Wagatsuma, Tohoku University, Japan

Title: Simultaneous sensing of ascorbic acid, dopamine, uric acid and L-tryptophan using AgNPs, graphene oxide and poly(L-Arginine) composite

Gozde Aydogdu Tig, Ankara University, Turkey

Networking & Refreshment Break

Title: Aptamer-based detection of arsenite for contaminated soil monitoring

Seungkyung Park, Korea University of Technology and Education, South Korea

Title: Molar concentration welcomes Avogadro in postgenomic analytics

A I Archakov, Institute of Biomedical Chemistry, Russian Federation

Video Presentations

Title: Novel silica and silica-titania membranes for high temperature gas separations

Neha Bighane, Georgia Institute of Technology, USA

Title: Chromatographic separation of calcium isotopes by using crown ether resin and acidic solutions

Yasuhiko Fujii, National University in Tokyo, Japan

Panel Discussion & Award Ceremony

Lunch Break

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Day 1 September 28, 2016

Registrations

Salon 1

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Opening Ceremony

Keynote Forum

Introduction

Title: Electronic micro devices for neuron activity recording and mapping

Chen-Zhong Li, Florida International University, USA

Group Photo

Networking and Refreshments

Title: Quantitative multicolor single cell imaging cytometry for high-content drug screening based on nanoprobes

Joon Myong Song, Seoul National University, Korea

Sessions: **Novel Approaches to Analytical and Bioanalytical Methods | Bioanalytical Methodology | Environmental Analytical Aspects**

Session Chair: Yuhui (Henry) Zhao, Epcor Water Canada, Canada

Session Introduction

Title: The application of proteins from less likely studied samples from south east

Jaya Vejayan, University Malaysia Pahang, Malaysia

Title: Increasing efficiency by using dual detector on VOC analysis with an agilent GC

Yuhui (Henry) Zhao, Epcor Water Canada, Canada

Lunch Break

Title: Extractive electrospray ionization mass spectrometry for biosample analysis

Huanwen Chen, Jiangxi Key Laboratory for Mass Spectrometry and Instrumentation, China

Title: Separation of Peptides and Proteins in Tryptic Digest of Cytochrome C by Novel Step Elution Approach in Open Tubular Capillary Electrochromatography

Faiz Ali, Ulnha University, South Korea

Title: Characterization of honey in terms of physicochemical parameters and trace heavy metals. Amhara region

Esubalew Adugna, Addis Ababa University, Ethiopia

Title: The new photoelectric materials for analytical applications

Dongxue Han, Changchun Institute of Applied Chemistry-CAS, China

Networking & Refreshment Break

Title: Infrared spectroscopy combined with imaging modalities is a new technique to understand the disease pathology

S Kumar, Uppsala University, Sweden

Panel Discussion

Day 2 September 29, 2016

Salon 1

Keynote Forum

Title: Can "matrix effect" in LC/MS or LC/MS/MS assay be avoided or fully compensated

Miroslav Ryska, QUINTA-ANALYTICA, Czech Republic

Title: Comprehensive insights into tobacco smoke using TD-GCxGC-TOF MS with tandem ionisation

Peter J Baugh, Markes International Ltd, UK

Networking and Refreshments

Workshop on: **LC/MS to UHPLC/MS method transfer: tips and tricks**

by

Eduard Rogatsky, Albert Einstein College of Medicine, USA

Sessions: **Applications of Analytical and Bioanalytical Methods**

Session Chair: Eamonn Reading, King's College London, UK

Session Co-chair: Shengxi Jin, Labs-Mart Inc., Canada

Title: Elucidation of drug metabolite structural isomers using molecular modeling coupled with ion mobility mass spectrometry

Eamonn Reading, King's College London, UK

Title: Cynoprobe online, in process cyanide analyzer

Makhapa Makhafola , Mintek, South Africa

Lunch Break

Title: A chemotaxonomic study of medicinal cannabis

Shengxi Jin, Labs-Mart Inc., Canada

Title: Understanding the Transformation Pathways of Atmospheric Aerosols: Some Revelations from Analytical Chemistry Techniques

Song Gao, Stetson University, USA

Title: Comprehensive overview of biophysical studies of lipoprotein stability

Shobini Jayaraman ,Boston University School of Medicine, USA

Networking and Refreshments

Poster Presentations: 15:35-17:00

AA01	**Title: Oral fluid LC-MS/MS analysis as ante-mortem detection of oxytetracycline in swine** **Anna Gajda**, National Veterinary Research Institute, Poland
AA02	**Title: Comparative analysis of RP-HPLC, turbidimetric and UV methods used for the determination of cefepime hydrochloride in pharmaceuticals** **Danilo Fernando Rodrigues** , UNESP, Brazil
AA03	**Title: Direct enantioenrichment of DL-mandelic acid by in situ immobilization of a general resolving agent on the magnetic multi wall carbon nanotube** **Ghazale Daneshvar Tarigh** , University of Tehran, Iran
AA04	**Title: Dipeptidyl peptidase IV (DPP IV) inhibitors from plant extracts by TLC bioautography** **Lihua GU**, Shanghai University of Traditional Chinese Medicine, China
AA05	**Title: Utility of capillary microsampling for rat pharmacokinetic studies: Comparison of tail-vein bleeds to jugular vein cannula sampling** **J Wang**, Sanofi Genzyme, USA
AA06	**Title: Differential systemic exposure to galangin after oral and intravenous administration to rats** **Junqing Zhang**, Hainan Medical University School of Pharmacy, China
AA07	**Title: Validation of ICP-OES and AAS method for the determination of magnesium in infant and follow-on formula** **Kyung Mi Hwang**, National Institute of Food and Drug Safety Evaluation, Korea
AA08	**Title: Assessment of Feng-Liao-Chang-Wei-Kang as a potential inducer of cytochrome P450 3A4 and pregnane X receptors** **Ling Huang**, Hainan Medical University, China
AA09	**Title: Analytical techniques for quantifying the ertapenem sodium with a look at green chemistry** **Tahisa Marcela Pedroso**, UNESP-Universidade Estadual Paulista, Brazil
AA10	**Title: Multi-class method for the determination of antibacterials in honey by liquid chromatography-tandem mass spectrometry** **Tomasz Bladek**, National Veterinary Research Institute, Poland
AA11	**Title: Piezoelectric positioning system technology for modulation of electrochemical imaging detection device** **Wei Wang**, Changchun Institute of Applied Chemistry-CAS, China
AA12	**Title: Method development of carbohydrate profile for Abbott nutrional products using HPAEC/PAD** **Yi Ding**, Abbott Nutrition Research and Development, Singapore
AA13	**Title: Analysis of Raman scattering signals for chemicals by using deep UV laser** **Young Jin Koh**, Agency for Defense Development, South Korea
AA14	**Title: Measurement of Raman spectra for various real surfaces by using a 248 nm mobile Raman spectrometer** **Young Jin Koh**, Agency for Defense Development, South Korea

AA15 **Title: Rapid detection of aerosolized Bacillus spore particles by direct in situ analysis of MALDI-TOF mass spectrometry**

Young-Su Jeong, Agency for Defense Development (ADD), South Korea

AA16 **Title: Raman spectral characteristics of toxic chemicals analyzed by a 248 nm mobile Raman spectrometer**

Young-Su Jeong, Agency for Defense Development (ADD), South Korea

AA17 **Title: Characterization of sputter-deposited w-44cr-35al alloys and their corrosion behavior in aggressive media**

Raj Kumar Kaphle, Tribhuwan University, Kathmandu, Nepal

Day 3 September 30, 2016

Salon 1

Sessions: **Diagnostic Assays and Test Kits in analytical chemistry | New analytical Instrumentation and Equipment**

Session Chair: Eduard Rogatsky, Albert Einstein College of Medicine, USA

Introduction

Title: Use of novel flow imaging particle analysis in biopharmaceutical formulation (FlowCam®)

Kent Peterson, Fluid Imaging Technologies, USA

Title: The development of semi-quantitative loop-mediated isothermal amplification (LAMP) assay using multi-well chip

Satoru Michiyuki, HEiken Chemeical Co., Japan

Networking and Refreshments

Title: Electrochemical sensing based on modified interfaces and analytical instrument-integrated applications

Li Niu, Changchun Institute of Applied Chemistry-CAS, China

Title: Multiplexed, flexible and portable plasmonic biosensing on-chip

Jie He, University of Cincinnati, USA

Title: Smartphones for sensing

Yu Bao, Changchun Institute of Applied Chemistry-CAS, China

Lunch Break

Awards & Closing Ceremony



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