Tentative Program

4th International Conference on
Drug Discovery and Advanced Drug Delivery Systems & Technologies

October 18-19, 2018 Warsaw, Poland

Interactive Sessions  Keynote Lectures  Plenary Lectures  Workshops
Exhibitors  B2B Meetings

***For available speaker slots***

drugdiscoveryadds2018@gmail.com

https://drug-discovery.pharmaceuticalconferences.com/
# Program at a Glance

## Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00-09.00</td>
<td>General Session</td>
</tr>
<tr>
<td>09.00-09.15</td>
<td>Inaugural Address</td>
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<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
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<tr>
<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
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<tr>
<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
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</tbody>
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**Morning Sessions**
- Least of 3 Keynote/Plenary Talks

**Evening Sessions**
- Panel Discussions/Group Photo
- Coffee/Tea Break 10.45-11.00 (Networking)
- 11.00-12.40
- Lunch Break 12.40-13.30
- 13.30-15.30
- Coffee/Tea Break 15.30-15.45 (Networking)
- 15.45-17.25

## Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
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<tbody>
<tr>
<td>09.00-10.40</td>
<td>5 Speakers (20 Mins Each)</td>
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<td></td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>Coffee/Tea Break 10.40-10.55 (Networking)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>10.55-12.35</td>
<td>5 Speakers (20 Mins Each)</td>
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<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>Lunch Break 12.35-13.25</td>
<td>5 Speakers (20 Mins Each)</td>
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<td>13.25-15.05</td>
<td>5 Speakers (20 Mins Each)</td>
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<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>Coffee/Tea Break 15.05-15.20 (Networking)</td>
<td>5 Speakers (20 Mins Each)</td>
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<td>15.20-17.00</td>
<td>5 Speakers (20 Mins Each)</td>
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<td></td>
<td>5 Speakers (20 Mins Each)</td>
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</table>

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

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For More Details: drugdiscoveryadds2018@gmail.com, drugdiscovery@internationalmeets.com

https://drug-discovery.pharmaceuticalconferences.com/
Conference Highlights

- Perspective in Drug Discovery
- Pharmaceutical Research & Development
- Drug Design and Drug Development
- Combinatorial chemistry in drug discovery
- Innovative Drug Discovery and Nanotechnology
- Structural biology in Drug Development
- Computer Aided Drug Design (CADD)
- Computational Chemistry
- Proteomics in Drug Discovery
- Biomarkers in Drug Discovery & Development
- Advanced Trends in Medicinal Chemistry in Drug Discovery and Designing
- Drug Discovery in Pre-clinical Research
- Advancements in Drug Metabolism
- Green Techniques for Medicinal Chemistry
- Nutraceutical Drug Discovery & Therapy
- Pharmacology and Toxicology
- Pharmacovigilance and drug safety
- Quantitative structure-activity relationships (QSAR)
- Pharmacokinetics
- Traditional Chinese Medicine
Glimpses of Drug Discovery Series Conferences
Plan your trip to POLAND

City inside view
Main Market Square
Malbork castle
Olympia
Palace of Culture and Science
POLIN Museum
Polonia Palace Hotel
Public Square in Warsaw
3rd International Conference and Expo on

DRUG DISCOVERY & DESIGNING

and

9th Annual

PHARMACEUTICAL CHEMICAL ANALYSIS CONGRESS

October 02-03, 2017   Vienna, Austria
Day 1 October 02, 2017

Registrations

Fleming’s 7+8

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 Research, 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 13:05-14:05 @ Flemings Restaurant

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 Research, 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 11:15-11:30 @ Foyer

Poster Presentation 11:30-12:30 @ Foyer

Title: Synthesis of creatine derivatives for the treatment of creatine deficiency disorders
Maria Arkel, University of Genova, Italy

Title: Design, optimization and characterization of coenzyme Q10 and D-panthenyl triacetate loaded liposomes
Ali Asram Sagiroglu, Bezmialem Vakıf University, Turkey

Title: Development of a Middle Eastern respiratory syndrome coronavirus DNA vaccine using baculoviral delivery system
Young Bong Kim, Konkuk University, South Korea

Title: (S)-EL-7 new selective competitive antagonists for AMPA and KA receptors
Zorica Naumovska & Jasmina Tonic Ribarska, Ss. Cyril and Methodius University, Macedonia

Title: Electrophoresis of an emulsion droplet near a charged plane
Shan-Chi Tsai, National Taiwan University, Taiwan

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

Title: Formulation and evaluation of camptothecin suppository as drug delivery for colorectal cancer
Fatmi Sofiane, Abderrahmane-Mira University, Algeria

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

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 on Drug Discovery and Advanced Drug Delivery Systems & Technologies

E: drugdiscoveryadds2018@gmail.com
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
6th World Congress on Medicinal Chemistry and Drug Design

June 07-08, 2017  Milan, Italy
Day 1       June 07, 2017

Barcelona 2

Keynote Forum

Introduction
Title: Physiology versus pharmacology
Mario Ciampolini, University of Florence, Italy
Title: A reproducible, subjective limit in intake
Gaia Cecchi, Nutrition & Prevention, Italy

Networking & Refreshments
Title: The digital biomanufacturing revolution
William G Whitford, GE Health care, USA

Sessions: Medicinal Chemistry | Pharmaceutical Sciences
Session Chair: Matteo Micucci, Alma Mater Studiorum University of Bologna, Italy
Session Co-Chair: Shimon Ben-Shabat, Ben-Gurion University of the Negev, Israel

Session Introduction
Title: Quantification of some medical preparations of the plant origin
Malkhaz Getia, Tbilisi State Medical University, Georgia
Title: Phospholipid-based prodrugs for the treatment of IBD: Drug targeting strategy
Shimon Ben-Shabat, Ben-Gurion University of the Negev, Israel
Title: Drug design via a scaffold hopping strategy: Case studies on discovery of clinical candidates H3 receptor antagonist and β-tryptase inhibitor
Zhongli Gao, Principal Scientist at Sanofi, USA
Title: Nutraceuticals in gastrointestinal ailments: An emerging paradigm
Matteo Micucci, Alma Mater Studiorum University of Bologna, Italy

Group Photo

Lunch Break
Title: Pathogenesis of alimentary diabetes: Recovery by loss of 20% body weight, and by attainment of initial hunger as well as of low BG before meals
Gaia Cecchi, Nutrition & Prevention, Firenze
Title: The new steroids from Silene Montbretiana
Hilal Kılınç, Dokuz Eylül University, Turkey
Title: Therapeutic important medicinal plants and way forward
Neeraj Tondan, Indian Council of Medical Research, India
Title: Continuous biomanufacturing of extracellular vesicles
William G Whitford, GE Healthcare, USA
Title: α,β-unsaturated compounds derived from arylamines as possible new treatment against leukemia
Sánchez-Labastida Luis Angel, National Polytechnic Institute, México

Networking & Refreshments

Sessions: Bioorganic and Medicinal Chemistry | Drug Design and Drug Development
Session Chair: Nana Gorgaslidze, Tbilisi State Medical University, Georgia
Session Co-Chair: Alexander Heifetz, Evotec Ltd, UK

Title: Development of analytical procedure for the standardization of bromelain from the pineapple (Ananas comosus L. Merr)
Nana Gorgaslidze, Tbilisi State Medical University, Georgia
Title: CZ415, a highly selective mTOR inhibitor showing in vivo efficacy in a collagen induced arthritis (CIA) model
Giovanna Bergamini, GSK company, Germany

Title: β-Strand Mimicry: Exploring oligothienylpyridine foldamers
Jana Sopkova-de Oliveira Santos, University of Caen Normandy, France

Title: Bioactive natural products from Symphytum (Boraginaceae)
Lela Amiranashvili, Tbilisi State Medical University, Georgia

Title: In Vitro and In Silico studies of peptide inhibitors of antibiotic resistance enzymes
Laleh Alisaraie, Memorial University, Canada

Panel Discussion
Day 2 June 08, 2017

Barcelona 2

Keynote Forum

Title: Biosimilars; expanding the scope of biologic therapy through wider patient access
Ahmed Radwan, Pioneera Health Care Group, UK

Title: Accurate assessment of protein-ligand interaction energy in seconds with quantum mechanics
Alexander Heifetz, Evotec Ltd, UK

Networking & Refreshments

Title: Synthesis and biological evaluation of novel classes of tyrosyl-DNA phosphodiesterase 1 inhibitors as anticancer drugs
Olga I Lavrik, Institute of Chemical Biology and Fundamental Medicine, Russia

Sessions: Synthetic Organic Chemistry | Anticancer Agents in Medicinal Chemistry | Bioorganic and Medicinal Chemistry

Session Chair: Maia Merlani, Tbilisi State Medical University, Georgia
Session Co-Chair: John Yuen, School of Nursing, Hong Kong

Title: 5-Steroidal hydrazones: Synthesis and biological activity
Maia Merlani, Tbilisi State Medical University, Georgia

Title: Synthesis and characterization of 2-((4R,4aR,5aS,6S)-1,3-dioxo3m3a,4,4a,5,5a6,6a-octahydro-4,6-ethenocyclopropa[f]isoindol-2(1H)-yl)-N-(substituted phenyl) acetamides anticipated to have HIV-1 activity
Abdulmajeed AlSamarrai, University of Samarra, Iraq

Lunch Break

Poster Presentations

Poster Judge: Ahmed M. Radwan, Pioneera Health Care Group, UK
Title: 5α-Steroidal amines: synthesis and biological activity  
Nanuli Nadaraia, Tbilisi State Medical University, Georgia

Title: Successful strategies for recruitment of african americans into clinical studies  
Jane Otado, Howard University Washington, USA

Title: Synthesis of Oseltamivir Using Diels–Alder reaction of 1,3-butadiene bearing 2-carboxy and 4-alkoxy substituens  
Szu-Han Chen, National Taiwan University, Taiwan

Title: Design and synthesis of sugar phosphates for inhibition of tuberculosis maltosyltransferase  
Wei-Hsin Hsu, National Taiwan University, Taiwan

Title: Mapping the vibrational transition-state conformational change in enzymes for drug design  
Yun Lu, University Edwardsville Edwardsville, USA

Title: Morphological and structural features of adeno virus particles by reacting with bacterial cell  
Anna Golovan, Zabolotny Institute of Microbiology and Virology of NASU, Ukraine

Title: Early findings in the development of an enzymatically triggered nanoformulation  
Daniel Ehrsam, University of Basel, Switzerland

Title: Pyrroles-a novel synthetic method for pyrrole derivatives from nitrodiene  
Mohamed A Elatawy, University of Milan, Egypt

Title: Apoptotic mechanism of compounds with antiproliferative activity from Bursera microphylla resin  
Q B C Francisco Humberto González Gutiérrez, Universidad de sonora, Mexico

Title: New 1,2,5-oxadiazole Pt(II)complex endowed with STAT3 inhibitory properties as promising anticancer agent  
Arianna Gelain, University of Milan, Italy

Title: Synthesis of novel furan-based antituberculars potentially targeting the methionine aminopeptidases (MtMetAP1a)  
Arianna Gelain, University of Milan, Italy

Title: Identification of thiadiazinyl-coumarin derivatives as dengue virus-2 NS2B/NS3 protease inhibitors  
Hasnah Osman, Universiti Sains Malaysia, Malaysia

Title: Therapeutic effects of trehalose liposomes against carcinoma along with apoptosis in vitro and in vivo  
Yoko Matsumoto, Sojo University, Japan

Title: Ganoderma lucidum-cytotoxic effects and cytokine gene induction as compared with the immunobladder® BCG in murine MB49 cells  
John W M Yuen, School of Nursing, Hong Kong

Networking & Refreshments

Sessions: Medicinal Chemistry | Chemical Biology | Computer Aided Drug Design

Session Chair: Gaia Cecchi, University of Florence, Italy
Session Co-Chair: Monika I Konaklieva, American University, USA

Title: Disabling essential enzyme motion for catalysis: An efficient approach for shikimate kinase inhibition  
Concepción González-Bello, Universidade de Santiago de Compostela, Spain

Title: Enzyme triggered nanomaterial for cancer therapy  
Fabiola Porta, University of Basel, Switzerland

Title: A new class of β-lactam antibiotics active against drug-sensitive and drug-resistant Mycobacterium tuberculosis  
Monika I Konaklieva, American University, USA

Title: Host DHFR-directed cycloguanil analogues endowed with promising activity against influenza virus and respiratory syncytial virus  
Michele Tonelli, University of Genoa, Italy

Panel Discussion & Award Ceremony

Bookmark your dates
10th World Congress on Medicinal Chemistry and Drug Design

June 11-12, 2018    Berlin, Germany

E-mail: medicinalchemistry@chemistryconference.org; medicinalchemistry@conferenceseries.net
Website: http://medicinalchemistry.pharmaceuticalconferences.com/europe/
### Keynote Forum

**Title:** New potent MKLP2 inhibitors in the paprotrain series with high anticancer activity in vivo: Design, Synthesis and Structure-Activity relationships  
**Catherine Guillou,** University of Paris-Saclay, France

**Title:** Mutagenic Impurities in Pharmaceuticals: ICH M7, Purge Factors and the Mirabilis Project  
**Mark McLaughlin,** Merck Sharp & Dohme, USA

**Title:** From para-aminobenzoic acid to small compounds with multiple biological properties  
**Gervais Bérubé,** Université du Québec à Trois-Rivières, Canada

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### Group Photo

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### Networking and Refreshments Break

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### Sessions:

**Session Chair:** Catherine Guillou, University of Paris-Saclay, France  
**Session Co-chair:** Zeeshan Ahmad, De Montfort University, UK

#### Session Introduction

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**Title:** Isolation and Characterization Active Compound From Endophytic Fungi Onion Dayak \{Eleutherineamericana (aubl.) Merr\} as Antioxidant Activity  
**Shirly Kumala,** Pancasila University Srengseng Sawah, Indonesia

**Title:** Phosphonate Congeners of Oseltamivir, Zanamivir and Peramivir as Effective Anti-Influenza Drugs  
**Jim-Min Fang,** National Taiwan University, Taiwan

**Title:** Electrical Encapsulation Drug Delivery Techniques  
**Zeeshan Ahmad,** De Montfort University, UK

**Title:** E-BABE- Kinetic binding assays for the analysis of protein–ligand interactions  
**Franz-Josef Meyer-Almes,** University of Applied Sciences Darmstadt, Germany

**Title:** Utilizing eco-friendly nanoparticle techniques in improving drug delivery  
**Shaaban K Mohamed,** Manchester Metropolitan University, UK

**Title:** Synthesis and biological evaluation of novel antimicrobial cell-penetrating cyclic peptides  
**Shaima El-Mowafi,** National Research Centre, Egypt

**Title:** α-Methylacyl-CoA racemase (AMACR): Chemical biology approaches to novel prostate cancer drugs  
**Matthew D Lloyd,** University of Bath, UK

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**Sessions:** Pharmaceutical Chemistry Novel Aspects | Pharmaceutical Analysis | Research Studies in Pharmacology

**Session Chair:** Xianglin Shi, Chemical Process R&D, Biogen Idec, USA  
**Session Co-chair:** Gervais Bérubé, Université du Québec à Trois-Rivières, Canada

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**Opening Ceremony**
**Title:** Peptidomimetic Study on Amyloid Fibril Formation by Alkene-type Dipeptide Isosteres  
**Tetsuo Narumi,** Shizuoka University, Japan

**Title:** Development of Novel Petasis Reaction Methodologies for Efficient and Scalable Synthesis of Biologically Interesting Compounds  
**Xianglin Shi,** Chemical Process R&D, Biogen Idec, USA

**Title:** Inclusion of divergent technologies in future point-of-care devices  
**Johann F. Osma,** Universidad de los Andes, Colombia

**Title:** Pharmacological Evaluation of Sedative and Hypnotic Activity of Ethyl p-methoxycinnamate and N-hydroxyethyl-p-cinnamamide  
**Nurmeilis**, Syarif Hidayatullah State Islamic University, Indonesia

**Title:** Analysis of Cathinone and Cathine in Crimson and Green Catha edulis by GC-MS and Determination of The Spermicidal Activity  
**Azrifitria**, Islamic State University (UIN) Syarif Hidayatullah Jakarta, Indonesia

**Title:** Differentiation of Bovine and Porcine gelatin in vitamin C gummy by High Performance Liquid Chromatography using Principal Component Analysis  
**Zilhadia,** Syarif Hidayatullah Islamic State University, Indonesia

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**Networking and Refreshments Break**

**Networking and Refreshments Break**

**Sessions:** Pharmaceutical Chemistry Novel Aspects | Prospectives of Medicinal Chemistry | Heterocyclic Chemistry | Pharmaceutical Analysis

**Session Chair:** Mark McLaughlin, Merck Sharp & Dohme, USA

**Session Co-chair:** Piotr Przybylski, Adam Mickiewicz University, Poland

**Session Introduction**

**Title:** Spermicidal and Antifertility Activity of Costus Spiralis Leaf Ethanolic Extract in Male Rats  
**Azrifitria,** Islamic State University (UIN) Syarif Hidayatullah Jakarta, Indonesia

**Title:** Synthesis, antibacterial and anticancer potency of new lactone and lactam macrolide derivatives  
**Piotr Przybylski,** Adam Mickiewicz University, Poland

**Title:** Hydrogen bonding interactions of tris and bis urea and thioureas with cyanide ligand in an analogue of the sub-site of [FeFe]-hydrogenase  
**Faizah S Aljohani,** Taibah University, Saudi Arabia

**Title:** Method Development and Validation of Lercanidipine in Human Plasma by Liquid Chromatography Tandem-Mass Spectrometry  
**Yahdiana Harahap,** Universitas Indonesia, Indonesia

**Title:** Synthesis and Discovery of Highly Potent Agents, Trifluoromethyl Containing Heterocycles Against Influenza Virus  
**Satoshi Mizuta,** Nagasaki University, Japan

**Panel Discussion**

**Day 2 October 03, 2017**

**Linate**

**Keynote Forum**

**Title:** Novel sensitive sensors of intracellular viscosity and potential anticancer theranostic agents prepared on the porphyrazine pigments platform for specifically personalized medicine  
**Larisa Klapshina,** Nizhny Novgorod State University, Russia

**Title:** Synthesis of indole derivatives through transition metals-catalyzed cyclization of 2-alkynylaniline derivatives.  
**Fabio Marinelli,** University of L’Aquila, Italy

**Title:** Plant molecules affecting female reproductive functions  
**Alexander V Sirotkin,** Constantine the Philosopher University and Research Institute of Animal Production, Slovakia

**Networking and Refreshments Break**

**Networking and Refreshments Break**

**Sessions:** Computational Chemistry and Chemical Biology | Natural Products Chemistry | Pharmaceutical Analysis

**Session Chair:** Larisa Klapshina, Nizhny Novgorod State University, Russia

**Session Co-Chair:** Marco Marazzi, University of Lorraine-Nancy & CNRS, France
Title: Total Synthesis of Tiacumicin B Aglycone, a DFT-Guided Strategy
Emmanuel Roulland, Université Paris Descartes, France

Title: Automated Drug Design of Kinase Inhibitors to treat Chronic Myeloid Leukemia
Aramice Y S Malkhasian, King Abdulaziz University, Saudi Arabia

Title: DNA photosensitization: Irreversible lesions caused by non-covalent binding with organic dyes
Marco Marazzi, University of Lorraine-Nancy & CNRS, France

Title: Patent propensity, R&D and market competition: Dynamic spillovers of innovation leaders and followers
Alvaro Escribano, Universidad Carlos III de Madrid, Spain

Title: An Efficient One Pot Multicomponent synthesis Of Some Novel Substituted Imidazoles using Nano Zirconia Catalyst Under solvent Free Conditions: A Greener “NOSE” approach
Sundaram Singh, Indian Institute of Technology (BHU), India

Title: Towards improving in drug delivery using Silver nano-techniques
Shaaban K. Mohamed, Manchester Metropolitan University, UK

Title: Use of Curcumine, a Pharmaceutically Useful Compound in Organic Reactions
Sangeeta Jagtap, PDEA’s Baburaoji Gholap College, India

Lunch Break
Poster Presentations
Poster Judge: Catherine Guillou, University of Paris-Saclay, France

PC001 Title: Nitroxide-modified chitosans with enhanced antioxidant potential
Vasily Sen, P.G. Demidov Yaroslavl State University, Russian Federation

PC002 Title: N-Aryl Effects on the Catalyst Reactivity of Imidazolylidene in a3→d3-Umpolung
Addition: Structural Study and Mechanistic Investigation
Tetsuo Narumi, Shizuoka University, Japan

PC003 Title: Analysis of the polar solvents influence on the mechanism of the inhibited oxidation of unsaturated compounds
Sergey Lednev, P.G. Demidov Yaroslavl State University, Russian Federation

PC004 Title: Influence of solvation on the mechanism of the hydroperoxide radicals’ addition to the π-bonds of 1,2-and 1,4-diphenylbutadiyne-1,3
Roman Pliss, P.G. Demidov Yaroslavl State University, Russian Federation

PC005 Title: Mathematical Modelling of polychromatic light photokinetics
Mohammed Alqarni, De Montfort University, UK

PC006 Title: High-Throughput Screening to identify novel inhibitors of human α-methylacyl-CoA racemase 1A (AMACR; P504S)
Matthew D. Lloyd, University of Bath, UK

PC007 Title: The secrets and potential of a novel cyclic antimicrobial and cell penetrating peptide
Margitta Dathe, Leibniz Forschungsinstitute of Molecular Pharmacology, Germany

PC008 Title: Nitroxy radicals as antioxidants against lipid peroxidation: an in vitro study
Ivan Tikhonov, P.G. Demidov Yaroslavl State university, Russia

PC009 Title: Oxidative stress simulation by radical-chain oxidation of vinyl compounds
Evgeny Pliss, P.G. Demidov Yaroslavl State University, Russian Federation

PC010 Title: A novel one pot two-step strategy for regio-chemoselective synthesis of new 3-methyl6-arylpypadidine-4-carboxamides and 5-oxo-3-aryl-5,6-dihydropyrido[4,3-c]pyridazine-8-carbaldehydes
Ali Aghaye Lotf va Ata, Urmia University, Iran

PC011 Title: Synthesis of some novel 2-(substituted thio)-N-(5-methyl-4-phenylthiazol-2-yl)acetamide and anticancer activity evaluation
Asaf Evrim EVREN, Anadolu University, Turkey
PC012  
Title: Synthesis of some novel N-(6-substituted benzothiazole-2-yl)-2-(4-substituted piperazin-1-yl)acetamide derivatives and evaluation their anticancer activity  
Büsra EKSELLİ, Anadolu University, Turkey

PC013  
Title: Conjugated nitroalkenes in reactions with azomethine imines: Synthesis of tetrahydropyrazolo[1,2-a]pyrazolone derivatives  
Nikolay S Zimnitskiy, Ural Federal University, Russia

PC014  
Title: An optimized process for supercritical CO2 extraction of high-value components from Artemisia annua L for cosmetic applications  
Rosana M Alberici Oliveira, University of Campinas –UNICAMP, Brazil

PC015  
Title: Fingernails: Development and validation of a rapid and sensitive method for quantification of cocaine by LC-ESI-MS/MS  
Heliara Nascimento, ThoMSon Mawss Spectrometry Laboratory –UNICAMP, Brazil

Sessions: Computational Chemistry and Chemical Biology | Heterocyclic Chemistry | Pharmaceutical Analysis  
Session Chair: Vladislav Yu Korotaev, Ural Federal University, Russia  
Session Co-Chair: Daisuke Yamamoto, Kitasato University, Japan

Session Introduction  
Title: Manganese-catalysed hydroperoxidation of carbon–carbon double bonds using molecular oxygen present in air and hydroxylamine under ambient conditions  
Daisuke Yamamoto, Kitasato University, Japan

Title: Synthesis And Molecular Docking Of Novel Non-Cytotoxic, Anti-Angiogenic Sulfonyl Coumarin Derivatives Against Hepatocellular Carcinoma Cells In Vitro  
Eslam EL-SAWY, National Research Centre, Egypt

Title: 3-Nitro-2-(trihalomethyl)-2H-chromenes in Reactions with 1,3-Dipoles: Synthesis and Cytotoxic Activity of D3-Annulated Chromane Derivatives  
Vladislav Yu Korotaev, Ural Federal University, Russia

Title: Computational modeling of Cu@furfural imine-decorated Linateoysites as the efficient catalyst in regioselective synthesis of triazoles  
Tayebeh Hosseinnejad, Alzahra University, Iran

Title: Structural studies of the novel antibacterial target MraY and its interaction with the natural inhibitor compound tunicamycin  
Gisela Brändén, University of Gothenburg, Sweden

Title: Synthesis and screening of ursolic acid-benylidine derivatives as potential anti-cancer agents  
Wajaht Amin Shah, University of Kashmir, India

Networking and Refreshments Break

Poster Presentations  16:50-17:30

Poster Judge: Xianglin Shi, Chemical Process R&D, Biogen Idec, USA

PC016  
Title: Rapid and sensitive method for simultaneous determination of first-line anti-tuberculosis drugs in human plasma by HPLC-MS/MS: Application to therapeutic drug monitoring  
Shouhong GAO, Shanghai Changzheng Hospital, China

PC017  
Title: Homology modeling of different leismanolysin (gp63) from leishmania spp. and molecular docking of flavonoids  
Jairo Mercado-Camargo, Universidad de Cartagena, Colombia

PC018  
Title: An in silico approach to discovering inhibitors of trypanothione reductase from leishmania (viannia) panamensis  
Leonor Cervantes-Ceballos, Universidad de Cartagena, Colombia

PC019  
Title: In vitro evaluation of cytotoxicity and leishmanicidal activity of terpenes isolated from the leaves of malachra alceifolia  
Harold Gómez-Estrada, Universidad de Cartagena, Colombia

PC020  
Title: Cascade approach to modification of lactone macrolide antibiotics  
Krystian Pyta, Adam Mickiewicz University, Poland
Title: Sizing α, β and Υ Cyclodextrins by Capillary Electrophoresis and Indirect UV Detection
Yin Zhou, The University of British Columbia, Canada

Title: Novel Quinazoline Derivative as RAF Inhibitor
Shih-Chieh Yen, Development Center for Biotechnology, Institute of Pharmaceutics, Taiwan

Title: Determination of heavy metal(PB) content in mineral water produced in IRAN by Flameless Atomic Absorption Spectroscopy (FAAS)
Rasoul Kazemi, Azad University, Iran

Title: Synthesis of novel Spiro dipyrazolo[3,4-b: 4',3'-e]pyridine
Bahman Ebrahimi Saatluo, University of Urmia, Iran

Title: DBU/H₂O as an Efficient, Eco-friendly and Inexpensive Catalyst for Transesterification and Transacylation Reactions
Elaheh Akbarzadeh, Islamic Azad University, Iran

Title: Ab initio and DFT study of energetic, stability, and nuclear magnetic resonance of BN nanotube
Elham Pournamdari, Islamic Azad University, Iran

Title: In vitro antiproliferative, antioxidant, and apoptosis-inducing activities of dried flower buds of clove extract on human gastric carcinoma
Ali Karimi, Shahrekord University of Medical Sciences, Iran

Title: Synthesis and cytotoxic properties of new derivatives of dicarboximides
Mariola Napiórkowska, Medical University of Warsaw, Poland

Title: Discovery of novel aryl hydrocarbon receptor (AhR) antagonists using homology modelling and ligand-based drug design
Carlos Henrique Tomich de Paula da Silva, University of São Paulo, Brazil

Day 3 October 04, 2017
Linate

Sessions: Pharmaceutical Chemistry Novel Aspects | Prospectives of Medicinal Chemistry | Drug Designing Methodologies | Pharmaceutical Analysis
Session Chair: Francisco Alonso, Universidad de Alicante/ Instituto de Síntesis Orgánica, Spain
Session Co-Chair: Alexander V. Sirotkin, Constantine the Philosopher University and Research Institute of Animal Production, Slovakia

Session Introduction

Title: Copper nanoparticles in organic synthesis
Francisco Alonso, Universidad de Alicante/ Instituto de Síntesis Orgánica, Spain

Title: Rational Design and Synthesis of Innovative RNA Ligands to Target HCV Internal Ribosome Entry Site
Mauro Safir Filho, Université Côte d’Azur, France

Title: Synthesis of 5,6-Diaryl-1,2,4-triazine derivatives with ethyl acetate moiety as novel neuroprotective agents against H2O2 and Aβ-induced neurotoxicity
Hamid Irannejad, Mazandaran University of Medical Sciences, Iran

Networking and Refreshments Break
Title: PELE Studio: The next generation drug design software
Victor Guallar, Barcelona Supercomputing Center, Spain

Title: Chemical constituents from the rhizomes of Curcuma zedoaria and assessment of their biological activities
Omer Abdalla Ahmed Hamdi, Alneelain University, Sudan

Title: Inorganic Pharmaceuticals: DNA-binding and anticancer activity of new compound
Sartaj Tabassum, King Saud University, Saudi Arabia

Title: Inhibition of immunodeficiency type-1 virus (HIV-1) life cycle by magnetic water
Mandana Behbahani, University of Isfahan, Iran

Title: Synthesis of new series of pyrazolo[3,4-b][1,6]naphthyridine in presence of nano-Al2O3
Fatemeh Majidi Arlan, University of Urmia, Iran

Title: Protective effect of green synthesis gold nanoparticles (AuNPs) from Pulicaria undulata on the amyloid formation in α-lactalbumin
Arezou Ghahghaei, University of Sistan and Baluchestan, Iran

Title: Determination of Glimepiride in Pharmaceutical Formulations Using HILIC
Yuegang Zuo, University of Massachusetts Dartmouth, USA

Title: Very fast and surprisingly accurate GIAO-mPW1PW91/3-21G//PM7 scaling factor for 13C NMR chemical shifts calculation
Fabio Luiz Paranhos Costa, Federal University of Goiás, Brazil

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Website: pharmaceuticalchemistry.conferenceseries.com

3rd International Conference on

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October 22-24, 2018 | Athens, Greece
**Keynote Forum**

**Title:** Structure and mechanism based drug design, discovery and development  
**Chang-Guo Zhan, University of Kentucky, USA**

**Title:** Communicating with fluorescent molecular sensors in biological environments  
**Leila Motiei, Weizmann Institute of Science, Israel**

**Networking & Refreshment Break @ Foyer**

**Group Photo @**

**Sessions:** Perspective in Drug Discovery | Pharmaceutical Research & Development | Drug Designing

**Session Chair:** Qiang Zhou, Peking University, China

**Title:** Novel enzyme therapies for treatment of cocaine addiction and overdose  
**Fang Zheng, University of Kentucky, USA**

**Lunch Break @ Hotel Restaurants**

**Title:** Treating Alzheimer's disease model mice with traditional Chinese medicine  
**Qiang Zhou, Peking University, China**

**Title:** Targeting the toxic oligomers of amyloidogenic proteins by self-assembled cyclic D,L-Peptides: Potential application for Alzheimer's and Parkinson's diseases  
**Shai Rahimipour, Bar-Ilan University, Israel**

**Title:** Assessment of mucoadhesion properties of different polymers and mucosal tissues by texture analyzer  
**Fatmanur Tugcu-Demiroz, Gazi University, Turkey**

**Title:** Smart Drug Delivery Systems targeted delivery of chemotherapeutics, immunostimulators and siRNA molecules  
**Gozde Unsoy, Middle East Technical University, Turkey**

**Networking & Refreshment Break @ Foyer**

**Title:** Development and evaluation of lipid-polymer hybrid systems for the treatment of benign prostate hyperplasia  
**Ceyda Tuba Sengel-Turk, Ankara University, Turkey**

**Panel Discussion**

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**Day 2: October 28, 2016**

**Appia-2**

**Keynote Forum**

**Title:** Treating Alzheimer's disease How selective the targets need to be?  
**Qiang Zhou, Peking University, China**

**Networking & Refreshment Break @ Foyer**

**Sessions:** Insilico Drug Discovery | CNS Drug Discovery | Bio Markers in Drug Designing

**Session Chair:** Qiang Zhou, Peking University, China

**Title:** The effect of Ginsenoside Re on neuroinflammation in an ALS animal model  
**Eun Jin Yang, Korea Institute of Oriental Medicine, Korea**

**Title:** Application of Computer-aided drug design strategies for optimization of anticancer activity of phenazinamine derivatives  
**Gajanan, Government College of Pharmacy, India**

**Title:** Local Infiltration Anaesthesia (LIA) and novel technique for effective pain relief following elective primary hip and knee replacement-Innovative study  
**Mohammad Salhab, Chapel Allerton Hospital, UK**

**Lunch Break @ Hotel Restaurants**

**Poster Presentations @ Foyer**
Title: Depletion of intracellular Homocysteine via up-regulation of B-homocysteine methyltransferase is implicated in the anti-Lipogenic effect of betaine
Young Chul Kim, Seoul National University, Korea

Title: Preparation and evaluation of clindamycin phosphate loaded chitosan-alginate complex films for periodontal application
Muge Kilicarslan, Ankara University, Turkey

Title: Antimycobacterial active oxyphosphorus acids derivatives
Jarmila Vinsova, Charles University, Czech Republic

Title: Oligotuftsin-based Peptide Carriers for Novel Antimycobacterial Active Agents: Synthesis and In vitro Evaluation
Martin Kratky, Charles University, Czech Republic

Title: Evaluation of X-IAP inhibition in apoptosis by natural small molecules; biological and mechanistic study
Nazanin Namazi Sarvestani, University of Tehran, Iran

Title: Development and characterization of sulfophane conjugated gold nanoparticles for anticancer drug delivery
Kriti Soni, Jamia Hamdard, India

Title: Evaluation of antioxidant and quantitative determination of phenolic and flavonoids content of Iris postii mouterde growing in Kurdistan region-Iraq
Hawraz Ibrahim M Amin, University of Salahaddin, Iraq

Title: Nanofiber scaffolds as an ex-vivo method for CD34+ Hematopoietic Progenitor Stem Cell (HPC) growth and expansion
Cherese Winstead, Delaware State University, USA
Scientific Program

International Conference and Expo on
Drug Discovery & Designing

August 11-13, 2015   Frankfurt, Germany
Scientific Program

International Conference and Expo on
Drug Discovery & Designing
August 11-13, 2015   Frankfurt, Germany

Registrations

Day 1  August 11, 2015

Raume/Room-8 (Hall-3)

Opening Ceremony

Keynote Forum

Introduction
Neal Goodwin
Champions Oncology, USA
Nelly Dabbour
Alexandria University, Egypt

Networking & Refreshment Break

Track 1: Characterisation of Biologically Active Compounds
Track 3: Quantitative Structure Activity Relationship
Track 7: Computer Aided Drug Designing (CADD)
Track 8: Novel Approaches in Drug Discovery
Track 10: Recent Advancement in Research and Development
Session Chair: Neal Goodwin, Champions Oncology, USA
Session Co-Chair: Nelly Dabbour, Alexandria University, Egypt

Matched patient PDX avatar-directed programs for clinical advancement
Neal Goodwin, Champions Oncology, USA
Protein-ligand low energy minima pose analysis: docking target functions evaluation with the FLM program
Vladimir Sulimov, Dimonta Ltd and Lomonosov Moscow State University, Russia
Fulvi-H as possible treatment for viral diseases
Juan Manuel Navarrete, National University of Mexico, Mexico

Workshop
Is it possible to improve considerably the accuracy of docking programs?
Vladimir Sulimov, Dimonta Ltd and Lomonosov Moscow State University, Russia

https://drug-discovery.pharmaceuticalconferences.com/
| Track 1: Characterisation of Biologically Active Compounds |
| Track 3: Quantitative Structure Activity Relationship |
| Track 7: Computer Aided Drug Designing (CADD) |
| Track 8: Novel Approaches in Drug Discovery |
| Track 10: Recent Advancement in Research and Development |

**Session Chair:** Neal Goodwin, Champions Oncology, USA  
**Session Co-Chair:** Nelly Dabbour, Alexandria University, Egypt

- Design, synthesis, docking and QSAR studies of novel 3,5-diaryl pyrazole derivatives and their evaluation as antioxidants and as immunomodulators, inhibitors of TNF-, IL-2, IL-6  
  - **Dalia Hussein Soliman,** Al-Azhar University, Egypt  
  - **Designing protein-protein interaction modulators: LRH-1 and 14-3-3**  
  - **Jessica Holien,** St. Vincent’s Institute of Medical Research, Australia

**Networking & Refreshment Break**

- **Hepatoprotective activity of silymarin against acetaminophen involves an enhancement of the glutathione-dependent detoxification capacity**  
  - **Young Chul Kim,** Seoul National University, Korea

**Designing protein-protein interaction modulators: LRH-1 and 14-3-3**

- **Jessica Holien,** St. Vincent’s Institute of Medical Research, Australia

**Session Introduction**

- **Combinatorial chemistry and drug discovery**  
  - **Adel Nefzi,** Torrey Pines Institute for Molecular Studies, USA

- **Solid-state characterization of micophenolic acid**  
  - **Ionut-Valentin Ledeti,** West University of Timisoara, Romania

- **The challenge in the design and operation of late phase clinical trials**  
  - **Seung Eun Choi,** Korea

**Networking & Refreshment Break 11:00-11:20 @ Foyer**

- **Identification of Aconitine artefact in alcoholic extracts**  
  - **Mai Ahmed,** University of Bath, UK

- **Design and synthesis of potential src inhibitors**  
  - **Yu-Shan Wu,** Tunghai University, Taiwan

- **Evaluation of histopathologic and histomorphometric changes of adrenal gland tissue following consumption of methylphenidate in male mice**  
  - **Simin Fazelipour,** Islamic Azad University, Tehran Medical Sciences Branch Tehran, Iran

- **Pinealectomy Initiates the Oxidative Stress Response in Brain Tissue of Rats Subject to Abdominal Surgery**  
  - **Mehmet Ozler,** Gulhane Military Medical Academy, Turkey

**Lunch Break**

| Track 2: Drug Development and Delivery System |
| Track 5: Methods of Rational Drug Designing |

**Session Chair:** Neal Goodwin, Champions Oncology, USA  
**Session Co-Chair:** Nelly Dabbour, Alexandria University, Egypt

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**Lunch Break**
Mechanistic study of NVP-CGM097: A Potent, selective and species specific inhibitor of p53-Mdm2
Marie Therese Valat, Novartis Pharma, Basel, Switzerland

Emodin dissipates tonic tension through suppressing PKC-mediated calcium sensitization in blood vessel
Jin-Ho Chung, Seoul National University, Korea

Functional variation of soluble polyphenols tannins in apple oak and pomegranate peels as anticancer therapeutic drug
Chrow Khurshid, University of Salford, UK

Dual targeting of 83-14 monoclonal antibody- and anti-epithelial growth factor receptor-grafted solid lipid nanoparticles for glioblastoma multiforme therapy
Chia-Hao Lee, National Chung Cheng University, Taiwan

New features of intracellular parasite elimination in the presence of new antiproliferative compounds: New insights to drug development
Laís Pessanha de Carvalho, Universidade Estadual do Norte Fluminense, Brazil

Regulation of tailoring biosynthetic genes of the aur1 cluster for the angucycline antibiotic auricin in Streptomyces aureofaciens CCM 3239
Carmen Bekeová, Institute of Molecular Biology of SAS, Slovakia

A theoretical study on the effect of N-methylation of amino acids (Ac-X-OMe) on their electronic structure and ADMET properties
Shah Md Abdur Rauf, University of KwaZulu, South Africa

Networking & Refreshment Break

Day 3 August 13, 2015 Raume/Room-8 (Hall-3)

10:00-11:00 Business to Business Meetings (B2B)

11:30-12:30 Academics & Research Meetings

Lunch Break

Award Ceremony

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