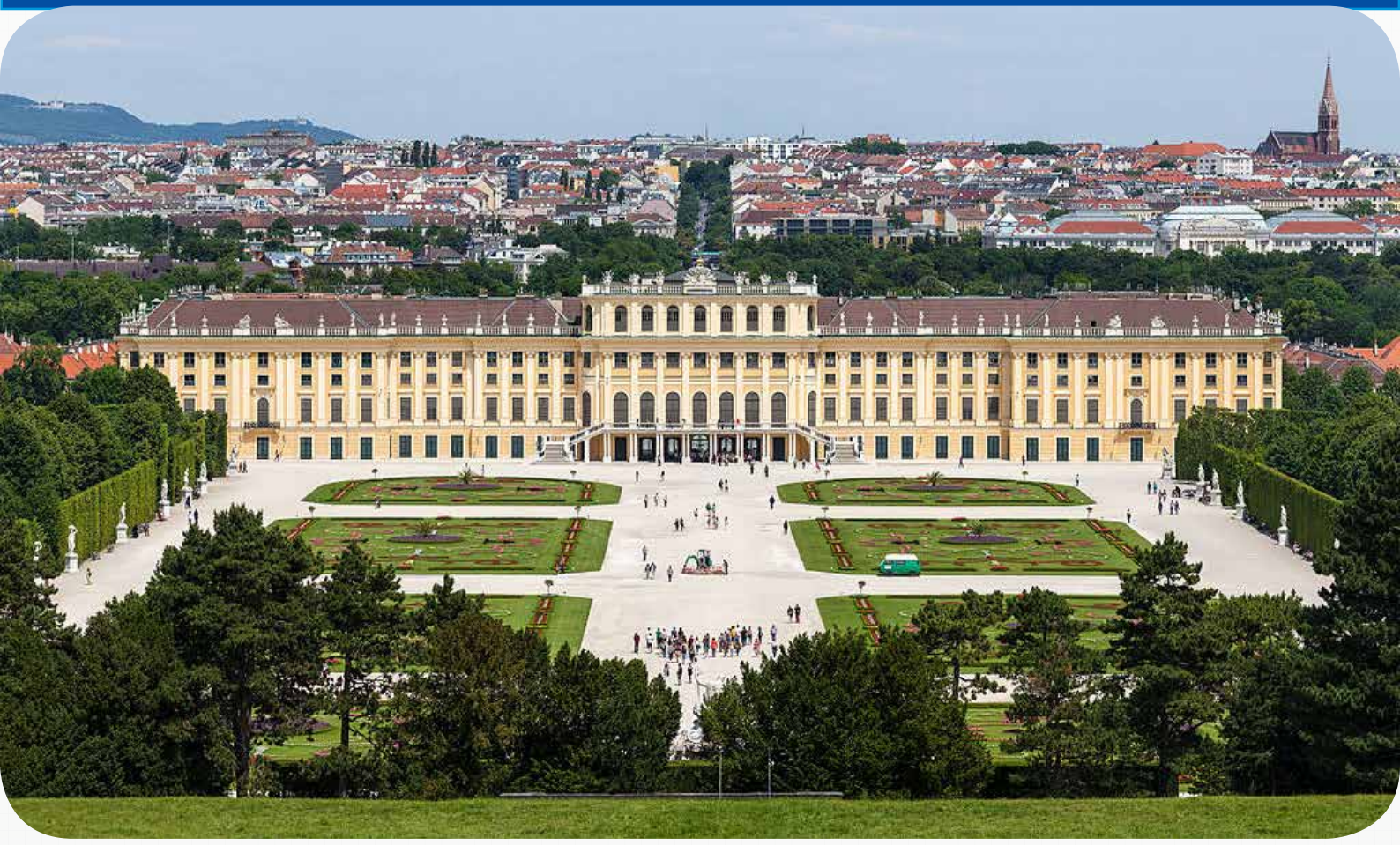
Tentative Program

3rd International Conference and Expo on

Drug Discovery & Designing

October 02-04, 2017 Vienna, Austria



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

drugdiscovery@pharmaceuticalconferences.org

3rd International Conference and Expo on Drug Discovery & Designing

Program at A Glance

Day 1

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

Day 2

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

Day 3

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	Young Research Forum	
	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)
	Awards & Closing Ceremony		

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

For more details: http://world.pharmaceuticalconferences.com/

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Glimpses of Drug Discovery Conferences














Glimpses of Drug Discovery Conferences

























Major Scientific Sessions

- Drug Designing
- Perspective In Drug Discovery
- Computer Aided Drug Design (CADD)
- Biomarkers in Drug Discovery & Development
- Immunotherapy
- Antibody Research
- Recent Advances in Spectroscopy
- Proteomics Drug Discovery
- Pharmaceutical Research & Development
- Computational chemistry
- Advanced Trends in Medicinal Chemistry in drug discovery and designing
- Insilco Drug Discovery
- Innovative Drug Discovery and Nanotechnology
- Novel Detection Technologies and Drug Discovery
- Novel Therapeutic approaches in treating Ocular Diseases

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
drugdiscovery@pharmaceuticalconferences.org

Conference Venue

Vienna ,Austria

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Best Tourist Destinations in Vienna



Christmas-Market



Schönbrun Palace



Vienna City



Vienna Belvedere



Vienna



Wiener Staatsoper

About Vienna

Vienna is the capital and largest city of Austria and one of the nine states of Austria. Vienna is Austria's primary city, with a population of about 1.8 million and its cultural, economic, and political centre. It is the 7th-largest city by population within city limits in the European Union. The city had 2 million inhabitants. It has the second largest number of German speakers after Berlin. Vienna is host to many major international organizations, including the United Nations and OPEC. Along with nearby Bratislava, Vienna forms a metropolitan region with 3 million inhabitants.

Apart from being regarded as the City of Music because of its musical legacy, Vienna is also said to be "The City of Dreams" because it was home to the world's first psycho-analyst – Sigmund Freud. It is well known for having played an essential role as a leading European music centre, from the great age of Viennese Classicism through the early part of the 20th century. The historic centre of Vienna is rich in architectural ensembles, including Baroque castles and gardens, and the late-19th-century Ringstraße lined with grand buildings, monuments and parks. Vienna is known for its high quality of life. In a 2005 study of 127 world cities, the Economist Intelligence Unit ranked the city first for the world's most liveable cities

The city of Vienna attaches major importance to science and research and focuses on creating a positive environment for research and development. In 2014, Vienna has accommodated 1,329 research facilities; 40,400 persons are employed in the R&D sector With a research quota of 3.4% Vienna exceeds the Austrian average of 2.77% and has already met the EU target of 3.0% by 2020. A major R&D sector in Vienna are life sciences with 378 biotech, pharma and medtech companies such as Johnson & Johnson, Siemens, Roche, Philips and Boehringer Ingelheim, with more than 21,000 employees. There are 25 public and private research institutions.



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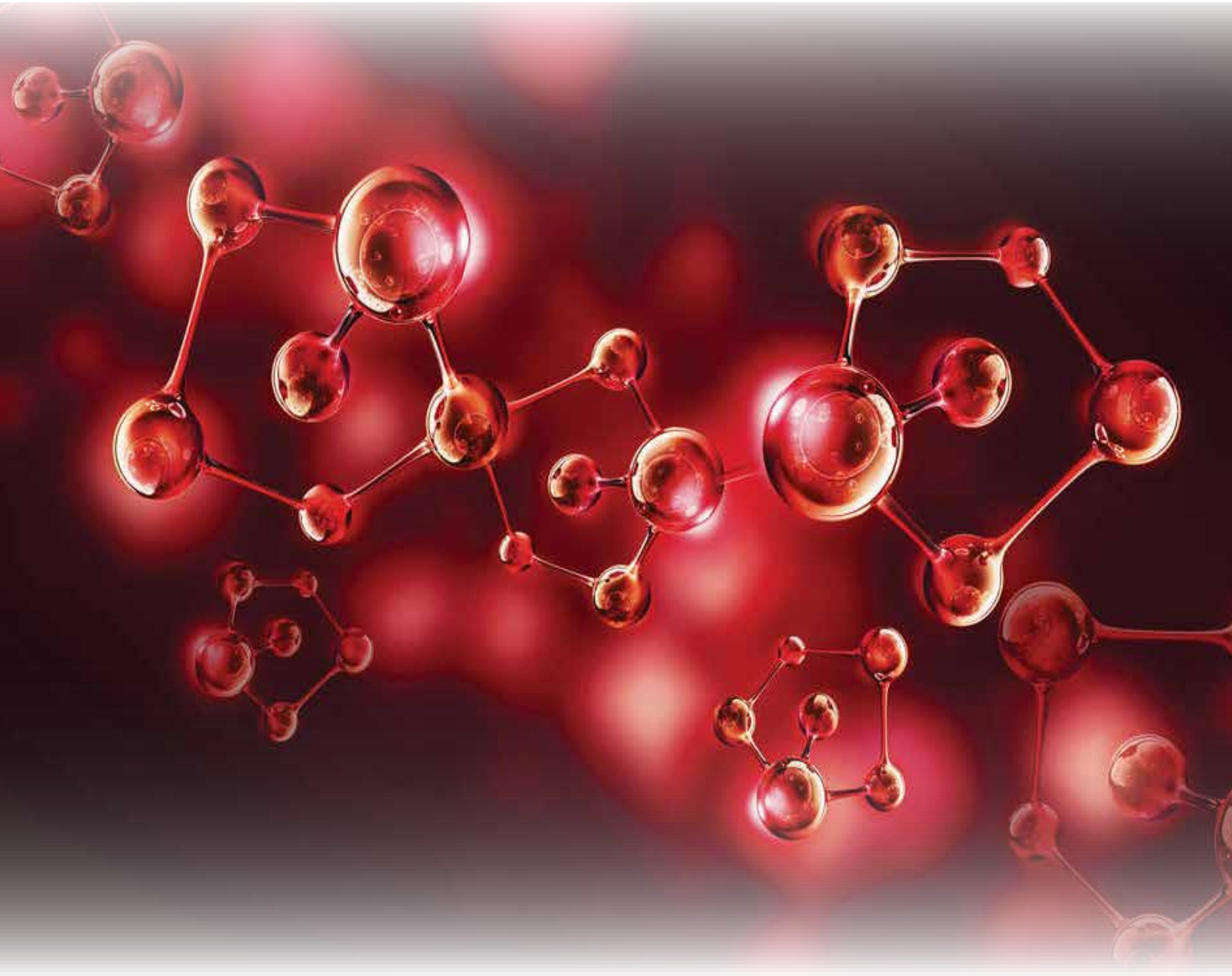
787th Conference

Scientific Program

2nd International Conference and Expo on

Drug Discovery & Designing

October 27-29, 2016 Rome, Italy



Hosting Organization: Conference Series LLC

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Day 1 October 27, 2016

Registrations

Appia-2

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Opening Ceremony

Keynote Forum

Introduction

Title: Structure and mechanism based drug design, discovery and development

Chang-Guo Zhan, University of Kentucky, USA

Networking & Refreshment Break @ Foyer

Title: Communicating with fluorescent molecular sensors in biological environments

Leila Motiei, Weizmann Institute of Science, Israel

Group Photo @

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

Session Chair: Qiang Zhou, Peking University, China

Session Introduction

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 Disscussion

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

Session Introduction

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 Anaesthia (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

DDD01 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

DDD02 Title: Preparation and evaluation of clindamycin phosphate loaded chitosan-alginate complex films for periodontal application
Muge Kilicarslan, Ankara University, Turkey

DDD03 Title: Antimycobacterial active oxyphosphorus acids derivatives
Jarmila Vinsova, Charles University, Czech Republic

DDD04 Title: Oligotuftsin-based Peptide Carriers for Novel Antimycobacterial Active Agents: Synthesis and In vitro Evaluation
Martin Kratky, Charles University, Czech Republic

DDD05 Title: Evaluation of X-IAP inhibition in apoptosis by natural small molecules; biological and mechanistic study
Nazanin Namazi Sarvestani, University of Tehran, Iran

DDD06 Title: Development and characterization of sulforaphane conjugated gold nanoparticles for anticancer drug delivery
Kriti Soni, Jamia Hamdard, India

DDD07 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

DDD08 Title: Nanofiber scaffolds as an ex-vivo method for CD34+ Hematopoietic Progenitor Stem Cell (HPC) growth and expansion
Cherese Winstead, Delaware State University, USA

Sessions: **Cardio Vascular Drug Discovery | Structure Based Drug Design | Drug Delivery Using Nanotechnology**

Session Chair: Fang Zheng, University of Kentucky, USA

Session Introduction

Title: Glucocorticoid – sparing properties of β-blockers different selectivity for remodeling and inflammation in the bronchi in the rat model of asthma by "dry" insufflation
Marina Syrczova, Saint-Petersburg Chemical-Pharmaceutical Academy, Russia

Title: Inhibitors of Icmt and GGTase-I as anti-cancer drug targets
Nisar Ullah, King Fahd University of Petroleum and Minerals, Saudi Arabia

Title: Computational modeling in investigational new drug (ind) and research medications: a case study
Seyed Ali Sadegh Zadeh, University of Hull School of Engineering and Science, UK

Networking & Refreshment Break @ Foyer

Title: Cytotoxicity and Genotoxicity screening of 1-Ethyl-3-methylimidazolium alkylbenzenesulfonate (EMIM-ABS) ionic liquids
Hiranamayee Kandala, South Dakota State University, USA

Title: Levodopa treatment strategies in Parkinson's disease: What is new?
Yildiz Degirmenci, Duzce University, Turkey

Networking & Refreshment Break @ Foyer

Award & Closing Ceremony

Day 3 : October 29, 2016

Extended Networking

Lunch @ Hotel Restaurants

Bookmark Your Dates

3rd International Conference & Expo on

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September 27-29, 2017 Vienna, Austria

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8th International Conference and Exhibition on

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Registrations

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Opening Ceremony

Keynote Forum

Introduction

Volkmar Weissig
Midwestern University College of Pharmacy Glendale, USA

Peter Krajcsi
Solvo Biotechnology, Hungary

Networking & Refreshments Break

Felix Kratz
CytRx Corporation, Germany

Amiram Goldblum
The Hebrew University of Jerusalem, Israel

Track 5: Nanotechnology in Drug Delivery Systems
Track 6: Application of Nanotechnology

Session Chair: Volkmar Weissig, Midwestern University College of Pharmacy Glendale, USA
Session Chair: Costas Kiparissides, Aristotle University of Thessaloniki, Greece

Session Introduction

Title: Mucus permeating nanocarriers for the oral delivery of biomolecules
Costas Kiparissides, Aristotle University of Thessaloniki, Greece
Title: Mitochondria-targeted nano drug delivery systems
Volkmar Weissig, Midwestern University College of Pharmacy Glendale, USA
Title: Preparation of novel nano, micro and macro drug delivery systems via Electrohydrodynamic (EHDA) technologies
Zeeshan Ahmad, De Montfort University, UK
Title: Nanometronomic treatment of breast cancer with Doxorubicin loaded H-Ferritin prevents drug resistance and circumvents cardiotoxicity
Serena Mazzucchelli, University of Milan, Italy
Title: Paromomycin liposomes - An alternative strategy for treatment of infectious diseases
Maria Manuela Gasper, University of Lisbon, Portugal

Lunch Break

Title: Local delivery of nanomedicines-loaded hydrogel for the treatment of glioblastoma
Fabienne Danhier, Louvain Drug Research Institute, Belgium
Title: Novel targeted non-RGD cyclic peptide drug conjugates for treatment of human metastatic melanoma
Gary Gellerman, Ariel University, Israel
Title: Pitavastatin-containing nanoemulsions: Preparation, characterization and *in-vitro* cytotoxicity
Yucel Baspinar, Ege University, Turkey
Title: Food effects on gastrointestinal transit properties of Amphotericin B solid lipid nanoparticles
Nashiru Billa, University of Nottingham, Malaysia
Title: Nanotechnology: A challenge in traditional medicine
B B Barik, Jazan University, KSA
Title: New standards and regulations of pharmacy practice in Saudi Arabia
Yousef Alomi, Ministry of Health, KSA
Title: Nanobiocomposite for dual stimuli-responsive smart release of insulin using a novel high effective surface area functionalized gold nanoparticle-polypyrrole
Ehsan Shamaeli, Tarbiat Modares University, Iran

Networking & Refreshments Break

Track 4: Drug Targeting

Session Chair: Volkmar Weissig, Midwestern University College of Pharmacy Glendale, USA
Session Co-Chair: Osama Ibrahim, Bio Innovation, USA

Title: The history of bioprocess technology in drug discovery and its future perspectives
Osama Ibrahim, Bio Innovation, USA
Title: iRGD, a tumor-penetrating peptide for tumor-specific drug delivery
Tatiana Hurtado de Mendoza, Sanford Burnham Prebys Medical Discovery Institute, USA

Title: Cell-selective delivery of Interferon gamma peptidomimetic inhibits chronic liver fibrosis and tumor angiogenesis in vivo
Ruchi Bansal, University of Twente, Netherlands
Title: Design and synthesis of novel non CYP 2D6 mediated Tamoxifen analogues
Nermin S Ahmed, University in Cairo, Egypt
Title: Looking to the future: Clinical pharmacy services in Saudi Arabia
Yousef Alomi, Ministry of Health, KSA

Panel Discussion

Day 2 March 08, 2016

Burgos

Keynote Forum

Joel Richard
IPSEN, France

Kang Choon Lee
SungKyunKwan University, Republic of South Korea

Track 1: Pre-formulation Considerations
Track 2: Formulation Aspects for Various Routes

Session Chair: Joel Richard, IPSEN, France
Session Chair: Gabriele Sadowski, TU Dortmund, Germany
Session Chair: Mino R Caira, University of Cape Town, South Africa
Title: Predicting the solubility advantage of amorphous pharmaceuticals
Gabriele Sadowski, TU Dortmund, Germany
Title: Formulation of nutraceuticals and dietary supplements: Formulation and regulatory challenges
Shilpa Raut, Amway, USA
Title: The role of preformulation in the choice of rectal formulation : Case study of Ceftriaxone
Tina Kauss, University of Bordeaux, France

Networking & Refreshments Break

Title: Physicochemical characterization of crystalline supramolecular systems containing established drugs and new drug candidates
Mino R Caira, University of Cape Town, South Africa
Title: Swellable/erodible delivery systems for time-controlled release of drugs into the gastrointestinal tract
Alessandra Maroni, University of Milan, Italy
Title: Rectal alternatives to existing oral and injectable pediatric antibiotherapies : Going beyond a wax suppository
Tina Kauss, University of Bordeaux, France
Title: Inhalable powders loaded with chitosan nanoparticles for protein drug delivery
Sonia Al-Qadi, Birzeit University, Palestine
Title: Evaluation of filler/binder properties of modified starches derived from Plectranthus esculentus by direct compression in Metronidazole tablets formulation
Khalid Garba Mohammed, Bayero University, Nigeria

Lunch Break

Track 12: Smart Drug Delivery Systems
Track 13: Delivery Methods for Peptides and Biologics

Session Chair: Drazen Raucher, University of Mississippi Medical Center, USA
Session Chair: Kang Choon Lee, SungKyunKwan University, Republic of South Korea

Session Introduction

Title: Thermally targeted delivery of anticancer therapeutic peptides using elastin-like biopolymers
Drazen Raucher, University of Mississippi Medical Center, USA
Title: Polymeric nanoparticles for the pulmonary delivery of miRNA to treat Chronic Obstructive Pulmonary Disease (COPD)
Gillian Hutcheon, Liverpool John Moores University, UK
Title: Microneedle delivery: A novel and minimally-invasive drug delivery system to overcome limitations of hypodermic needles
Shayan F Lahiji, Yonsei University, Republic of South Korea
Title: Functionalized near-infrared quantum dots for biological applications
Shanmugavel Chinnathambi, National Institute for Materials Science, Japan
Title: Bicosomes: A smart skin drug delivery platform
Rafael Bernad, Bicosome S.L., Spain

Young Researchers Forum

Title: Challenges and advances in oral drug delivery using lipid-based nanoparticles
Ana Rutes Neves, University of Porto, Portugal
Title: Novel Alginate-Chitosan aerogel fibers for potential wound healing applications
Vanessa Gonçalves, iBET, Portugal
Title: Cream formulation impact on topical administration of engineered colloidal nanoparticles
Benedetta Santini, University of Milano-Bicocca, Italy

Networking & Refreshments Break

Title: The PK-Eye: A novel *in vitro* aqueous flow model to evaluate ocular pharmacokinetics
Sahar Awwad, UCL School of Pharmacy, UK
Title: Cationic derivatives of polyisoprenoid alcohols for liposomal drug delivery
Olga Gawrys, Mossakowski Medical Research Centre PAS, Poland
Title: Polymeric particulated carriers in drug delivery: Obtention, study and characterization
Merari Chevalier, CoMP-INTEMA- Universidad Nacional de Mar del Plata, Argentina
Title: Cell incorporation studies with ^{99m}Tc labeled methotrexate loaded chitosan nanoparticles for breast cancer diagnosis
Meliha Ekinci, Ege University, Turkey
Title: Novel anticancer agent, SQAP, binds to focal adhesion kinase and modulates its activity
Jesus Izaguirre Carbonell, Tokyo University of Science, Japan

Poster Presentations

PNDDS01 **Title: Flurbiprofen 8.75 mg sore throat spray: Characteristics and performance**
David Veale, Reckitt Benckiser Health Care Ltd, UK

PNDDS02 **Title: Self emulsifying drug delivery system (SEDDS) applied to rectal delivery for absorption enhancement of class III BCS drug**
Tina Kauss, University of Bordeaux, Italy

PNDDS03 **Title: Polymer nanocapsules for the intracellular delivery of hydrophobic and hydrophilic anticancer drugs**
Dolores Torres, University of Santiago de Compostela, Spain

PNDDS04 **Title: Polymeric matrixes for the controlled release of peptide-loaded chitosan nanoparticles**
Desiree Teijeiro, University of Santiago de Compostela, Spain

PNDDS05 **Title: Drug loaded in situ hydrogels for rheumatoid arthritis treatment**
Nataliya Storozhylova, University of Santiago de Compostela, Spain

PNDDS06 **Title: Reduction of SKOV-3 cells viability induced by CBD: *in vitro* evaluation and design of PLGA multiparticulate systems loaded with CBD**
Ana Isabel Fraguas Sanchez, Complutense University of Madrid, Spain

PNDDS07 **Title: When academia and industry walk together: Projects and services for pharmaceutical companies in the Faculty of Pharmacy of the University of Barcelona**
Marc Sune-Pou, University of Barcelona, Spain

PNDDS08 **Title: Study on different penetrability of nano and microparticles**
Melania F Munteanu, Vasile Goldis West University Arad, Romania

PNDDS09 **Title: Delivery of Insulin encapsulated microneedles through a novel applicator in a minimal invasive manner**
Shayan F Lahiji, Yonsei University, Republic of South Korea

PNDDS10 **Title: NanoZYME technique applied to antioxidant enzyme, SOD, has high potential in the treatment of diseases related to oxidative stress**
Anton Aleksashkin, Lomonosov Moscow State University, Russia

PNDDS11 **Title: Dissolution method development: R&D and QC holding hands**
Ana Mafalda Paiva, Hovione PharmaScience Ltd., Portugal

PNDDS12 **Title: Ciprofloxacin loaded nano-spanlastics for ototopical non-invasive delivery to the middle ear**
Abdulaziz Al-mahallawi, Cairo University, Egypt

PNDDS13 **Title: Loco-regional breast cancer therapy through in situ thermosensitive Tamoxifen citrate niosomal gels**
Dalia Samuel Shaker, Future University, Egypt

PNDDS14 **Title: Ecofreindly synthesis of silver nanoparticles using Fenugreek seeds' aqueous extracts and its antimicrobial properities**
Asmaa Ashour, Alexandria University, Egypt

PNDDS15 **Title: Preparation and optimization of Lacidipine nanosuspensions by antisolvent sonoprecipitation technique using box-behnken design**
Ahmed Fares Roshdy, Cairo University, Egypt

PNDDS16 **Title: Coated prolonged release minitablets with Carbamazepine**
Maja Szczepańska, Medical University of Gdansk, Poland

PNDDS17 **Title: Synthesis, drug release and biological evaluation of new anticancer drug-bioconjugates containing Somatostatin backbone cyclic analog as a targeting moiety**
Boris Redko, Ariel University, Israel

PNDDS18 **Title: Bio-labile peptidyl delivery systems towards sequential drug release**
Elena Ragozin, Ariel University, Israel

PNDDS19 **Title: Development of novel synthetic approaches for synthesis of peptide drug candidates**
Andrii Bazylevich, Ariel University, Israel

PNDDS20 **Title: A novel approach to determine the rheological properties of the gel layer of swollen hydrophilic matrix tablets**
Rania Hamed, Al-Zaytoonah University of Jordan, Jordan

PNDDS21 **Title: *In-vitro* characterization of gambogic acid bound nanobioconjugated target oriented drug carrier system for pancreatic cancer**
Sennur Gorgulu Kahyaoglu, Anadolu University, Turkey

PNDDS22 **Title: Water quality and usage for reconstitution of antibiotics**
Mohamed Yehia Abouleish, American University of Sharjah, UAE

PNDDS23 **Title: Formulation and *in-vitro/in-vivo* evaluation of buccoadhesive discs for controlled release of calcium channel antagonist**
Mohamed Haider, University of Sharjah, UAE

PNDDS24 **Title: Electrically assisted transdermal drug delivery of Ovalbumin**
Ahlam Zaid Alkilani, Zarqa University, Jordan

PNDDS25 **Title: Simulating the surface tension of the gastrointestinal fluid to enhance the dissolution of the weakly basic BCS class II drugs**
Rania Hamed, Al-Zaytoonah University of Jordan, Jordan

PNDDS26 **Title: Some pyrimidine derivatives has cytotoxic and anticancer properties against A549 lung adenocarcinoma**
Bahar Demir, Anadolu University, Turkey

PNDDS27 **Title: Formulation and characterization of Oregano microparticles prepared by spray-drying technology**
Juste Baranauskaite, Lithuanian University of Health Sciences, Lithuania

PNDDS28 **Title: Does the change in interfacial tension caused by rosemary extract and some of its active ingredients affect the stability of multiple emulsion?**
Ugne Cizauskaite, Lithuanian University of Health Sciences, Lithuania

PNDDS29 **Title: Synthesis of novel α-naphthol hydroxamate derivatives as anticancer agents**
Hafiz Antar Makeen, Jazan University, KSA

PNDDS30 **Title: Design and Synthesis of Novel Non CYP 2D6 mediated Tamoxifen Analogues**
Nehal Hany Aly Elghazawy, German University in Cairo, Egypt

PNDDS31 **Title: Comparison between two batches of Acetylsalycilic Acid using Sedem diagram to compare the suitability for direct compression**
Marc Sune-Pou, University of Barcelona, Spain

Day 3 March 09, 2016

Burgos

Keynote Forum

Amiram Goldblum
The Hebrew University of Jerusalem, Israel

Track 3: Recent Advances in Drug Delivery Technology
Track 7: Major Challenges in Drug Delivery System
Track 11: Medical Devices for Drug Delivery

Session Chair: Amiram Goldblum, The Hebrew University of Jerusalem, Israel
Session Chair: B B Barik, Jazan University, KSA

Session Introduction

Title: Enhanced delivery of DNA-based vaccines and immunotherapeutics through next-generation electroporation devices
Paul Fisher, Inovio Pharmaceuticals Inc., USA

Title: Application of high pressure technology for the development of intranasal delivery systems
Catarina Duarte, iBET, Portugal

Title: Targeted inorganic nanodevices for breast cancer diagnosis and therapy
Luisa Fiandra, University of Milan, Italy

Networking & Refreshments Break

Title: Composite hydrogels: An innovative approach for controlled release of hydrophobic drugs
Havazelet Bianco-Peled, Technion–Israel Institute of Technology, Israel

Title: Preparation and *in-vitro/in-vivo* evaluation of Metformin hydrochloride rectal dosage form
Abdelazim Zaghloul, Kuwait University, Kuwait

Track 8: Physiological Considerations
Track 9: Vaccine Drug Delivery Systems
Track 10: Biotherapeutics-Drug Discovery and Development

Session Chair: Osama Ibrahim, Bio Innovation, USA
Session Chair: Helen McCarthy, Queen's University Belfast, UK

Title: Expression of shiga-like toxin fused to Vascular Endothelial Growth Factor (VEGF/SLT) in E. coli for targeting angiogenesis
Osama Ibrahim, Bio Innovation, USA

Title: A new technology for DNA vaccination: RALA peptide-mediated gene delivery via dissolving microneedles
Helen McCarthy, Queen's University Belfast, UK

Title: Nanotechnology and mucosal vaccines
José Crecente Campo, Center for Research in Molecular Medicine and Chronic Diseases (CiMUS), Spain

Title: Synthesis and evaluation of selected benzimidazole derivatives as potential antimicrobial agents
Fatmah Alasmary, King Saud University, KSA

Lunch Break

Young Researchers Forum

Title: Development of a peptide-based, multifunctional gene delivey vector for metastatic prostate cancer
Stephen Loughran, Queens University Belfast, UK
Title: Gold nanoparticle for macrophage targeting of Stavudine
Hinojal Zazo Gamez, Universidad of Salamanca, Spain
Title: An investigation into the stability and aqueous solubility of amorphous solid dispersions of BCS class II drugs
Shrawan Baghel, Waterford Institute of Technology, Ireland
Title: Local mucoadhesive drug delivery approach for furazolidone against Helicobacter pylori
Muhammad Irfan Alam, University of Sunderland, UK
Title: NanoZYME technique applied to antioxidant enzyme, SOD, has high potential in the treatment of diseases related to oxidative stress
Anton Aleksashkin, Lomonosov Moscow State University, Russia

B2B Meetings

Award Ceremony

Networking & Refreshments Break



Bookmark your dates

10th International Conference and Exhibition on

Pharmaceutics & Novel Drug Delivery Systems

March 13-15, 2017 London, UK

Website: http://novel-drugdelivery-systems.pharmaceuticalconferences.com/

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Scientific Program

5th International Conference on

Medicinal Chemistry & Computer Aided Drug Designing and Drug Delivery

December 05-07, 2016 Phoenix, USA

Day 1 December 05, 2016

Registrations

Meeting Room A

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Conformational and dynamic considerations in drug design for g-protein coupled receptors

Victor J Hruby, University of Arizona, USA

Title: Digging in untapped chemical space: how to combine novelty and synthetic access

Carsten Detering, BioSolveIT Inc., USA

Networking and Refreshment Break

Title: The use of small molecule proteasome modulation in human diseases

Jetze J Tepe, Michigan State University, USA

Sessions: Frontiers in Chemistry | Novel Drug Designing & Drug Delivery | Computer Aided Drug Designing-CADD | Hyphenated Chromatographic Techniques for Drug Analysis

Session Chair: Concepción González-Bello, University of Santiago de Compostela, Spain

Session Co-chair: Thorsten Nowak, C4X Discovery Manchester United Kingdom

Session Introduction

Title: A set of diagnostic bench tests leads to the development of accurate flexible docking algorithms

Colin McMartin, ThistleSoft High Meadow, USA

Title: Inhibition of amyloid beta peptide oligomerization: Empirical and ab initio studies

Arvi Rauk, University of Calgary, Canada

Title: "Growing" hydrogen bonding waters in molecular complexes!

Regine Bohacek, Boston De Novo Design, USA

Panel Discussion

Lunch Break

Workshop

Title: Conformational design in medicinal chemistry - An important under-utilised opportunity

Thorsten Nowak, C4X Discovery Manchester United Kingdom

Title: Design of novel potent and selective agonists at the melanocortin1 receptor

Minying Cai, Arizona Cancer Center, USA

Title: Exploiting unique interactions in the MKK3/6 and ASK1 kinase active sites through computer-aided drug design

Simone V Bigi, Takeda California, Inc., USA

Title: Interaction analysis between cell adhesion factor fimh and its inhibitor by fragment molecular orbital method

Norihito Kawashita, Osaka University, Japan

Panel Discussion

Networking and Refreshment Break

Sessions: New Trends in Pharmacology & Drug Development | Analytical & Bioanalytical Techniques | Cancer Studies: Drug Design and Chemistry | Drug Discovery and Drug Delivery: Emerging Diseases

Session Chair: Jetze J Tepe, Michigan State University USA

Session Co-chair: Carsten Detering, BioSolveIT Inc., USA

Title: Computer-aided design, efficient synthesis and mechanistic studies of serine protease covalent inhibitors
Nicolas Moitessier, McGill University, Canada
Title: Glycopeptide drugs
Robin Polt, The University of Arizona, USA
Title: Molecular dynamics study of autotaxin with potential allosteric inhibitors
Eko Aditya, Vrije Universiteit Amsterdam, the Netherlands
Title: Boundary-state light emission quantums in biomolecules
Babak Daneshfard, Shiraz University of MedicalSciences, Iran
Title: Dual-function near-infrared (nir) photosensitizer for fluorescence imaging and photodynamic therapy (pdt) of cancer
Ravindra K Pandey, Roswell Park Cancer Institute, USA

Panel Discussion

Day 2 December 06, 2016

Meeting Room A

Keynote Forum

Title: *In Silico* analysis of enantioselective binding of imids to cereblon
Tatsuya Takagi, Osaka University, Japan

Title: Fitted, an evolving docking programs addressing unmet medicinal chemistry needs
Nicolas Moitessier, McGill University, Canada

Title: Indeno[1,2-B]indoles: A good scaffold for designing bioactive molecules
Marc Le Borgne, University Lyon 1, France

Title: Innovative and strategic materials for medical technology against tumors: preclinical researches on sugar dendritic GD-DTPA complex MRI contrast agents and IER5/CDC25B targeted novel phospha sugar antitumor agents
Mitsuji Yamashita, Shizuoka University, Japan

Networking & Refreshment Break

Sessions: ChemBioChem-Antimicrobials and Infectious Agents & Diseases | Neurodegenerative Diseases | Chem-Virology (Zika Virus) | Hematology/Oncology and Stem Cell Therapy | Stereoisomerism & SAR (Structure Activity Relationship) | Chemical Biology | Toxicology and Environmental Chemistry | Clinical Pharmacy Practice
Session Chair: Victor J Hruby, University of Arizona USA
Session Co-chair: Mitsuji Yamashita, Shizuoka University, Japan

Title: Targeting the motion of shikimate kinase-opportunities for antibiotic drug development
Concepción González-Bello, University of Santiago de Compostela, Spain
Title: Ligand conformational analysis enabling improved nrf2 activators
Thorsten Nowak, C4X Discovery Manchester, United Kingdom

Lunch Break

Workshop

Title: A tale of a low molecular weight inhibitor for bruton's tyrosine kinase, modeled in seesar, the world's best compound ideation software for medicinal chemists
Carsten Detering, BioSolveIT Inc., USA
Title: Identification of Inhibitors for the Lutheran – Laminin Interaction by molecular modeling techniques to reduce the vaso-occlusive crises of sickle cell disease
Fabrice Gardebien, Université de la Réunion, France
Title: Differential binding force: A new physicochemical parameter for drug design
Shoujun Xu, University of Houston, USA
Title: Synthesis of novel agents-effective on leukemia and colon cancer cell lines
Ilknur Babahan, Adnan Menderes University, Turkey

Title: A Comparative analysis of aspirin from various analgesic formulations using titrimetry, spectroscopic and hyphenated chromatographic techniques

Ochieng Anthony, Sumait University, Tanzania

Title: First-in-class MCRs coupled with cascade reactions for the generation of molecular complexity

Christopher Hulme, The University of Arizona, USA

Networking & Refreshment Break

Poster Presntations

CADD 101	**Title: Optimization of the indole–pyrimidine–chrysin hybrid as the lead molecule for anti-inflammtory drugs** **Jagroop Kaur,** Guru Nanak Dev University, India
CADD 102	**Title: Rational design, synthesis and working of a tri-ligating receptor: Removal of cyanide from cytochrome c oxidase** **Sukhmeet Kaur,** Guru Nanak Dev University, India
CADD 103	**Title: Design, synthesis and biological evaluation of novel 2-phenyl-1-benzopyran-4 one derivatives as potential poly-functional anti-alzheimer's agents** **Majinder Singh,** Punjabi University, India

Panel Discussion

Day 3 December 07, 2016

Meeting Room A

Sessions: Nursing in Chemistry | Nanomedicine & Fullerene Chemistry | Chem-Toxicology, Chem-Pharmacology, Chem-Microbiology, Chem-Genomics | Pharmaceutical Industry Overview

Session Chair:

Marc Le Borgne, University Lyon 1, France

Ilknur Babahan, Adnan Menderes University, Turkey

Session Co-chair:

Norihito Kawashita, Osaka University, Japan

Ochieng Anthony, Sumait University, Tanzania

Title: Combined 2D- / 3D-QSAR, molecular docking, accelerated molecular dynamics simulation and QM/Mm calculation studies on pepstatin-a analogues as cathepsin-d inhibitors

Olayide A. Arodola, University of KwaZulu-Natal, South Africa

Title: Reactive metabolites prediction: What can molecular orbitals tell us?

Anna Tomberg, McGill University, Canada

Networking & Refreshment Break

Title: Virtual flow: A flexible workflow system for virtual screening procedures on high-performance computers

Christoph Gorgulla, Max Planck Institute for Molecular Genetics, Germany

Title: Evaluating small molecules' potential energy through the long standing chemical principles

Zhaomin Liu, McGill University, Canada

Title: Current topics in computer-aided drug design technologies: Future aspects

Reham F. Barghash, National Research Center, Egypt

Title: "SMART" drug based targeted delivery: A new paradigm for nanomedicine strategies

Sugapriya Dhanasekaran, Prince Sattam Bin Abdullaziz University, KSA

Lunch Break

Title: The interaction of metals with alpha-synuclein

Heather R Lucas, Virginia Commonwealth University, USA

Title: Synthesis of novel anthraquinone anti-cancer drugs: molecular structure, molecular chemical reactivity descriptors and their interactions with DNA

Tarek M. EL Gogary, Jazan University, KSA

Title: Addressing new targets and cytoprotective compounds against neurodegenerative diseases

Bruno Andrade, Universidade Estadual do Sudoeste da Bahia, Brazil

Award & Closing Ceremony

Bookmark your dates

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