Tentative Program

14th International Conference and Exhibition on

Pharmaceutical Formulations

August 28-29, 2017 Brussels, Belgium



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

For available speaker slots

formulation.pharmaceuticalconferences.com

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)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for **Day 1**

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 Session	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		
	formulations@pharmaceuticalconferences.org		

30 Speakers on **Day 2**

Note: Workshops and Symposia slots are available. To book slot for Workshop and Symposium send us

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Conference Highlights

- Pharmaceutical Formulations
- Solid Dosage Forms
- Semi-Solid Dosage Forms
- Liquid Dosage Forms
- Gaseous Dosage Forms
- Types of Formulations
- Novel Drug Delivery Systems
- General Considerations in Dosage Forms
- Drug Formulation Procedures
- Pharmaceutical Excipients
- Drug Design and Development
- Pharmaceutical Analysis
- Drug Product Manufacturing
- Smart Drug Delivery Systems
- Pharmacists Role in Patient Safety
- Regulatory Affairs
- Pharmaceutical Formulations Market
- Entrepreneurs Investment Meet

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Glimpses of Formulations Summit



















Glimpses of Formulations Summit









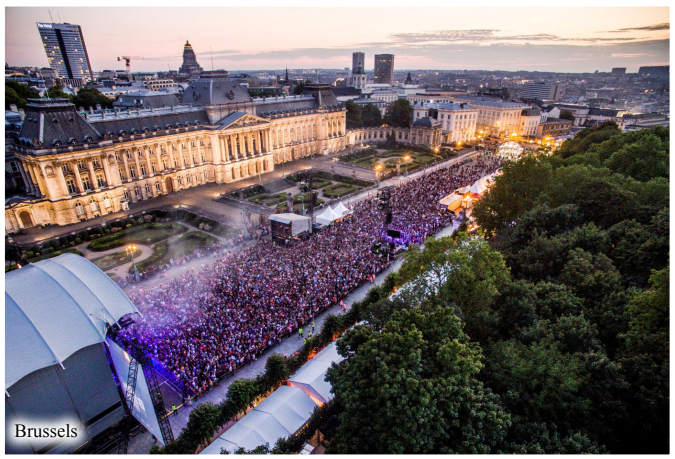


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Pharmaceutics & Novel Drug Delivery Systems

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Registrations

Burgos

Opening Ceremony

Keynote Forum

Introduction

Volkmar Weissig
Midwestern University College of Pharmacy Glendale, USA

Peter Krajcsi
Solvo Biotechnology, Hungary

Networking & Refreshments Break @ Salamanca

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 @ Salamanca

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 @ Salamanca

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 @ Salamanca

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 @ Salamanca

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 @ Salamanca

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 @ Salamanca

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 @ Salamanca

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 @ Salamanca

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 @ Salamanca

Bookmark your dates

10th International Conference and Exhibition on

Pharmaceutics & Novel Drug Delivery Systems

March 13-15, 2017 London, UK

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5th International Conference and Exhibition on

Pharmaceutics & Novel Drug Delivery Systems

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Day 1 March 16, 2015

Registrations

Jumeirah Ballroom-3

Opening Ceremony

Keynote Forum

Introduction

R N Saha
BITS Pilani Dubai Campus, UAE

Alex Nivorozhkin
Neo-Advent Technologies LLC., USA

Networking & Refreshments Break @Jumeirah Ballroom Foyer

Khaled Mohamed Hosny
King Abdulaziz University, Kingdom of Saudi Arabia

Peter Karpinski
Novartis Pharmaceuticals Corp., USA

Track 3: Recent Technologies in Novel Drug Delivery Systems
Track 4: Nanotechnology in Drug Delivery Systems

Session Chair: R N Saha, BITS Pilani Dubai Campus, UAE
Session Co-Chair: Luisa Fiandra, Luigi Sacco University Hospital, Italy

Session Introduction

Title: A novel and simple technique for separation of liposomes from unloaded drug molecules
Vignesh Muthuvijayan, Indian Institute of Technology Madras, India
Title: Polymer drug carriers with enhanced penetration into tumor cells
Robert Pola, Institute of Macromolecular Chemistry AS CR, Czech Republic
Title: Delivery of nanoformulated Antiretroviral drugs across the blood brain barrier
Luisa Fiandra, Luigi Sacco University Hospital, Italy

Lunch Break @ Al Tanour Restaurant

Title: Block copolymers of poly(N-2-hydroxypropyl methacrylamide) and poly(propylene glycol)–the way to inhibit P-glycoprotein?
Alena Braunova, Institute of Macromolecular Chemistry AS CR, Czech Republic
Title: Early preclinical study of BO-1978 for the treatment of Non-Small Cell Lung Carcinoma (NSCLC), in combination with Gefitinib
Tann-Long Su, Academia Sinica, Taiwan
Title: Improving bioavailabilty of Resveratrol: Transdermal, transmucosal and nanotechnology strategies
Hudson Caetano Polonini, Universityof Juiz de Fora, Brazil
Title: Composite Poly(methyl methacrylate)/Poly(ethylene glycol) electrospunnanofibrous mats as a novel wound dressing for controlled release of an Anti-scarring agent
Malihe-Sadat Poormasjedi-Meibod, University of British Columbia, Canada
Title: Silica-based matrixes for drug delivery: Ready for a prime time?
Alex Nivorozhkin, Neo-Advent Technologies LLC., USA
Title: Formulation and evaluation of neutraceutical tablets of lyophilized nanoparticles of Zinc and Asparagus extracts
Sandeep Arora, Chitkara University, India

Networking & Refreshments Break @ Jumeirah Ballroom Foyer

Title: Development of ligand-mediated drug delivery systems for cancer targeted imaging and therapy
Han-Chung Wu, Academia Sinica, Taiwan
Title: Enteric-coated Alendronate sodium solid lipid nanoparticle; A novel formula to overcome barriers for the treatment of osteoporosis
Khaled Mohamed Hosny, King Abdulaziz University, Kingdom of Saudi Arabia
Title: Exploring the critical stabilizing factors for solid dispersions without drug-polymer interaction: Monitoring and inhibiting amorphousamorphous phase separation
Min Zhao, University College London School of Pharmacy, UK
Title: Coping with the management of medicine at old age: What older people think? What formulations scientists can do?
Mine Orlu Gul, University College London School of Pharmacy, UK

Workshop
Title: Controlled Drug Delivery Systems: Recent Challenges and Opportunities Ahead

Title: Bioactive peptides: Complex structures, synthesis and their controlled drug delivery
Rajiv Dahiya, Association of Pharmacy Professionals and Globus College of Pharmacy, India
Title: Guar gum revisited: Potential carrier for targeted drug delivery systems
Saurabh Dahiya, Apeejay Stya University, India

Panel Discussion

Day 2 March 17, 2015

Jumeirah Ballroom-3

Keynote Forum

Husam M Younes
Qatar University, Qatar

B B Barik
Jazan University, Kingdom of Saudi Arabia

Networking & Refreshments Break @ Jumeirah Ballroom Foyer

Track 2: Formulation Aspects for Various Routes of Drug Administration
Track 7: Major Challenges in Drug Delivery System

Session Chair: Naglaa G Ahmed, Dubai Pharmacy College, UAE
Session Chair: B B Barik, Jazan University, Kingdom of Saudi Arabia

Session Introduction

Title: Gloveless robotic technologies in aseptic manufacturing for high potent active pharma ingredients
Sergio Mauri, Fedegari Group, Italy
Title: Oral formulations of Metformin in semi-solid matrices: Design, characterization & *in vitro* evaluations
Husam M Younes, Qatar University, Qatar
Title: Hepatoprotective and antihepatotoxicdrugs from plant sources
Naglaa G Ahmed, Dubai Pharmacy College, UAE
Title: Small animal models of osteoarthritis: Understanding drug bio-distribution, activity, safety, therapeutic effects and mechanisms of action
Mohit Kapoor, University of Toronto, Canada
Title: Mitigating risks associated to auto-injector applications
Robert Schultheis, ZebraSci Inc., USA
Title: Chitosan nanoparticles - Challenges for antibiotic drug delivery using Penicillin as a model drug
B B Barik, Jazan University, Kingdom of Saudi Arabia
Title: Challenges facing liposomal delivery of Vancomycin for combating bacterial biofilm on abiotic surfaces
Nawal Khalafallah, Alexandria University, Egypt

Lunch Break @ Al Tanour Restaurant

Title: Hydrogels of solid lipid nanoparticles of curcumin
Ruchi Chawla, Indian Institute of Technology (Banaras Hindu University), India
Title: Ramadan fasting and biological biomarkers: The new opportunities of systems biology and Conference Series LLC sciences
Nicola Luigi Bragazzi, University of Genoa, Italy

Track 1: Pre-formulation Considerations for Conventional Dosage Form Development
Track 10: Advances in Biotherapeutics-Drug Discovery and Development

Session Chair: Mazzucchelli Serena, Luigi Sacco University Hospital, Italy
Session Chair: Maha Aboul-Ela, Beirut Arab University, Lebanon

Title: Phytotherapeutic potentials of selected Middle East natural products
Maha Aboul-Ela, Beirut Arab University, Lebanon
Title: Determination of Ticagrelor chemical stability and characterization of its degradants
Hassane Sadou Yaye, University Paris Sud, France
Title: Evaluation of three chitin metal silicate co-precipitates as a potential multifunctional single excipient in tablet formulations
Faisal Al-Akayleh, Petra University, Jordan
Title: Novel anti-microbial drugs based on mixed ligand zinc(II) complexes with bioactive carboxylates and nitrogen-donor ligands; Synthesis, structure and biological properties
H Abu Ali, Birzeit University, Palestine

Networking & Refreshments Break @ Jumeirah Ballroom Foyer

Title: Lead to drug candidate: Novel oral kinase inhibitors in cancer therapy
Hsing-Pang Hsieh, National Health Research, Institutes, Taiwan
Title: Considerations in pre-formulation stage of solid and semi-solid dosage forms
Mustafa Hamido, UAE

16:00-17:00 Poster Presentations PNDDS 01- PNDDS 20 **@ Jumeirah Ballroom-3**
17:00-18:00 Poster Presentations PNDDS 21- PNDDS 40 **@ Jumeirah Ballroom-3**

Day 3 March 18, 2015

Jumeirah Ballroom-3

Track 4: Nanotechnology in Drug Delivery Systems
Track 6: Recent Advances in Targeted Drug Delivery System

Session Chair: Tomas Etrych, Institute of Macromolecular Chemistry AS CR, Czech Republic
Session Chair: Ramesh S Kashi, Merck and Co. Inc., USA

Session Introduction

Title: Polymer based delivery systems for efficient tumor therapy
Tomas Etrych, Institute of Macromolecular Chemistry AS CR, Czech Republic
Title: Nanocages for self-triggered nuclear delivery of Doxorubicin at cancer cells
Mazzucchelli Serena, Luigi Sacco University Hospital, Italy

Title: Development of novel targeted drug delivery systems for the treatment of epilepsy
Sara Ahmadi, Intelligent Polymer Research Institute, Australia
Title: *In vivo* targeting efficiency of multifunctional nanoconstructs bearing antibody-derived ligands
Marta Truffi, University of Milan, Italy

Networking & Refreshments Break @ Jumeirah Ballroom Foyer

Title: Pastillation technology based design and development of oral modified release multiparticulate drug delivery system
B Mishra, Indian Institute of Technology (Banaras Hindu University), India
Title: Incidence and predictors of antibiotic prescription errors in an emergency department of a tertiary care facility, central Saudi Arabia
Menyfah Al Anazi, Ministry of National Guard Health Affairs, Kingdom of Saudi Arabia
Title: *In vitro* cytotoxicity and free radical scavenging activity of ethanolic and alkaloidic extracts of *Delphinium staphisagria*
Rachad Alnamer, University of Thamar, Yemen
Title:Enhanced cytotoxic effect of chemically conjugated polymeric sirolimus against ht-29 colon cancer and a-549 lung cancer cell lines
Bontha Venkata Subrahmanya Lokesh, UCSI University, Malaysia
Title: Synthesis of Benzopyrano[4,3-d]-Pyrimidine derivatives and some of their antimicrobial and cytotoxicity activities
Haya A Abubshait, University of Dammam, Kingdom of Saudi Arabia

Lunch Break @ Al Tanour Restaurant

Young Researchers Forum

Title: Mucus permeating SMEDDS containing thiolated compounds
Julia Rohrer, University Innsbruck, Austria
Title: Thiolated silicone oils as novel skin care agents with enhanced adhesiveness and reinforced occlusivity
Alexandra Partenhause, Leopold-Franzens-University, Austria
Title: Characterisation of nanostructured lipid carriers loaded with Ibuprofen
Blanka Suto, University of Szeged, Hungary
Title: Thiolated poly(aspartic acid) polymers in ophthalmic therapy
Gabriella Horvat, University of Szeged, Hungary
Title: Controlled, delivery of Metronidazole and Doxycycline from polycaprolactone matrices designed for the intravaginal treatment of pelvic inflammatory disease
Meenakshi Pathak, The University of Queensland, Australia
Title: Microscopic evaluation of novel topical formulation for treatment of Arthritis
Mohit Bhagrath, Chitkara University, India

Networking & Refreshments Break @ Jumeirah Ballroom Foyer

Title: Utility of modified locust bean gum for dissolution improvement of poorly soluble drug
Kanav Midha, Chitkara University, India
Title: pH sensitive Calcium Carbonate-encapsulated Copper bis-(8-hydroxyquinoline) drug delivery system for cancer therapy
Anjala Bulathge, University of Peradeniya, Sri Lanka
Title: Lipid complexed nanocrystals - A safe approach in development of stable nanoparticulates (*in vitro* and *in vivo*) for effective drug delivery
Sajeev Kumar B, Jawaharlal Nehru Technological University, India

Panel Discussion
Award Ceremony

Bookmark your dates

6th International Conference and Exhibition on

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Scientific Program

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Registrations

Texas A

Opening Ceremony

Keynote Forum

Introduction

Panayiotis P. Constantinides
Biopharmaceutical & Drug Delivery Consulting, LLC., USA

Jason Vaughn
Patheon Pharmaceuticals, USA

Coffee Break @ Texas BC

Tejraj M Aminabhavi
Soniya College of Pharmacy, India

Gjumrakch Aliev
GALLY International Biomedical Research Consulting LLC, USA

Konstantin Tsinman
Pion Inc., USA

Walter Rudzuski
Texas State University, USA

Lunch Break @ Texas BC

Group Photo

Track 1: Pre-formulation Considerations for Conventional Dosage Form Development
Track 2: Formulation Aspects for Various Routes of Drug Administration
Track 3: Recent Technologies in Novel Drug Delivery Systems

Session Chair: Panayiotis P. Constantinides, Biopharmaceutical & Drug Delivery Consulting, LLC., USA

Session Co-Chair: Erik Rytting, University of Texas, USA

Session Introduction

Title: Amorphous drug-polymer nanoparticles: An enabling drug delivery platform
Michael Morgen, Bend Research Inc., USA
Title: Analysis of nanoparticles on particle-by-particle basis using Tunable Resistive Pulse Sensing (TRPS) technology
Subhash Kalluri, Izon Inc., USA
Title: Chemistry and formulation-enabled drug delivery tools: Enabling discovery
Sophie Dorothee Clas, PharmaSolv Consulting, Canada
Title: Nanoparticle eye drops demonstrate enhanced ocular penetration
Koichi Baba, Osaka University, Japan
Title: Nanoparticle delivery of 2-Methoxyestradiol for uterine leiomyoma therapy
Erik Rytting, University of Texas, USA
Title: Solid lipid nanoparticle formulations of Oligonucleotides
Bo Ying, Dicerna Pharmaceuticals, USA

Coffee Break @ Texas BC

Title: Continuous-flow microfluidic nanoprecipation for poorly soluble drug encapsulation in polymeric nanocarriers with tunable release properties
Christophe A. Serra, The University of Strasbourg, France
Title: A novel supramolecular smart hydrogel drug delivery system
Shao Xiang Lu, Broda International, LLC., USA
Title: Contract research and development at Southwest Research Institute (SwRI)
James D. Oxley, Southwest Research Institute, USA
Title: Microencapsulation-Effective drug delivery system
Kamran Atif, Arwan Pharmaceuticals Industries, Lebanon
Title: Design and *In-Vivo* evaluation of diclofenac sodium sustained release matrix tablet of : Effect of compression force
Ibrahim M. El-bagory, Al-Jouf University, Saudi Arabia
Title: In Silico modeling penetration of xenobiotics through human skin
Gabriel Wittum, University of Frankfurt, Germany

Panel Discussions

Cocktails: Sponsored by **Journal of Pharmaceutics & Drug Delivery Research** **@ Texas BC**

Day 2 March 25, 2014

Texas A

Workshop

Title: "*Forecasting nano-enabled drug delivery* (NEDD) innovation pathways"

By Alan Porter, Georgia Tech, USA
Jing Ma, Beijing Institute of Technology, China
Tejraj M. Aminabhavi, Soniya College of Pharmacy, India
Walter Rudzuski, Texas State University, USA
Nagjibhai Jivani, Ribosome Pharma Pvt. Ltd., India

Track 4: Nanotechnology in Drug Delivery Systems
Track 5: Prodrugs for Targeted Drug Delivery

Session Chair: Muhammad Delwar Hussain, California Health Sciences University, USA

Session Co-Chair: Chandra Sekhar Kolli, California Health Sciences University, USA

Session Introduction

Coffee Break @ Texas BC

Title: Study on brain targeting Zidovudine loaded PLGA nanoparticles for AIDS therapy
Muhammad Delwar Hussain, California Health Sciences University, USA
Title: Controlling the characteristics of polymeric nanoparticles as carriers for the model peptide Capreomycin
Mohsen A. Bayomi, King Saud University, Saudi Arabia
Title: Nanotechnology for improving response to cancer chemo and immunotherapy
Afsaneh Lavasanifar, University of Alberta, Canada
Title: Formulation and evaluation of microcapsules using multiple emulsions as a novel drug carrier system
Hanaa AM Elsaghir, King Saud University, Saudi Arabia
Title: Lactoferrin-Doxorubicin conjugates as platform for improved cellular delivery of Doxorubicin to target hypoxia
Sneha Gurudevan, Deakin University, Australia
Title: Microneedle mediated transdermal delivery systems
Chandra Kolli, California Health Sciences University, USA

Lunch Break @ Texas BC

Track: 8 Physiological Considerations of Drug Delivery
Track 11: Regulatory Issues in Pharmaceutics and Novel Drug Delivery

Session Chair: Muhammad Delwar Hussain, California Health Sciences University, USA

Session Co-Chair: Chandra Sekhar Kolli, California Health Sciences University, USA

Session Introduction

Title: Fast dissolving drug delivery systems
Gulay Yelken Demirel, Sanovel Pharmaceuticals, Turkey
Title: Rosuvastatin nanocrystals: Its preparation, characterization, and in vitro – in vivo evaluation
Arvind Sharma, Chitkara University, India
Title: Vascular oxidative stress and mitochondrial failure in the pathobiology of Alzheimer's disease: Approach to therapy
Jerzy Leszek, Wroclaw University School of Medicine, Poland
Title: Droplet microfluidics: A tool to fabricate polymeric drug microcarriers with complex morphologies for new delivery strategies
Ikram Ullah Khan, University of Strasbourg, France

Coffee Break @ Texas BC

Title: Stratification of surface lysine residues of bovine testicular hyaluronidase on the base of its 3D structure model: Design of chondroitin sulphate modified enzyme derivative
Alexander V. Maksimenko, Russian Cardiology Research-and-Production Complex, Russia
Title: Formulation and optimization of orodispersible tabletsof Flutamide
Kadria A. Elkhodairy, King Saud University, Saudi Arabia
Title: A promising approach to provide appropriate colon target drug delivery systems of Vancomycin HCl: Pharmaceutical and microbiological studies
Azza S. Zakaria, King Saud University, Saudi Arabia
Title: Real-time attribute measurement in high shear wet granulation: An evolving paradigm
Ajit Narang, Bristol Mayers Squib, USA

Panel Discussions

Poster Presentations **@ Texas BC**

Award Ceremony

Cocktails: Sponsored by **Pharmaceutica Analytica Acta** **@ Texas BC**

Day 3 March 26, 2014

Texas A

Track 6: Recent Advances in Targeted Drug Delivery
Track 7: Major Challenges in Drug Delivery Systems
Track 9: Advances in Biotherapeutics-Drug Discovery and Development
Track 10: Vaccine Drug Delivery Systems

Session Chair: Panayiotis P. Constantinides, Biopharmaceutical & Drug Delivery Consulting, LLC., USA

Session Co-Chair: Sophie Dorothee Clas, PharmaSolv Consulting, Canada

Session Introduction

Title: The conjugation of superoxide dismutase with catalase via chondroitin sulphate for targeting protection of vascular wall
Alexander V. Maksimenko, Russian Cardiology Research-and-Production Complex, Russia

Title: Treatment of oral ulcers in dogs using adipose tissue-derived mesenchyme stem cells
Eman Elashiry, King Abdulaziz University, Saudi Arabia

Title: Intranasal premedication in dental sedation
Saad Abdel-Rahman Sheta, King Saud University, Saudi Arabia

Coffee Break @ Texas BC

Title: Surface modified lipidnanocarriers for non-invasive oral delivery of biomacromolecule
Rishi Paliwal, Irma Lerma Rangel College of Pharmacy, USA

Title: Inhaled Methoxyflurane sedation for wisdom tooth removal: A comparison to nitrous oxide sedation
Walid Ahmed Abdullah, King Saud University, Saudi Arabia

Title: Nanotechnology enabled targeted therapy for seasonal and pandemic influenza; Opening a new window to anti-viral therapy
Krishnan Chakravarthy, Nano Axis LLC., USA

Panel Discussions

Pharmaceutica-2015_Website Launch

Lunch Break @ Texas BC

Bookmark your dates

5th International Conference and Exhibition on

Pharmaceutics & Novel Drug Delivery Systems

March 09-11, 2015 Dubai, UAE



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Scientific Program

3rd International Conference and Exhibition on

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Day 1 **April 08, 2013**

Registrations

Hickory

Opening Ceremony

Keynote Forum

Introduction

Panayiotis P Constantinides
Biopharmaceutical & Drug Delivery Consulting, LLC, USA

Wei-Chiang Shen
University of Southern California, USA

Coffee Break

Kevin J Filipski
Pfizer Worldwide Research & Development, USA

Giancarlo Morelli
University of Naples, Italy

David J Brayden
University College Dublin, Ireland

Track 1: Recent Technologies in Novel Drug Delivery Systems
Track 3: Drug Delivery Targeting
Track 6: Nanotech for Drug Delivery
Track 8: Prodrugs and Targeted Drug Delivery

Chair: David Brayden, University College Dublin, Ireland
Co-Chair: Wei-Chiang Shen, University of Southern California, USA

Session Introduction

Title: Neural stem cell models to studying pediatric anesthetic neurotoxicity
Cheng Wang, USFDA, USA

Title: Transmucosal delivery of peptides and siRNAs with a novel lipidic pharmaceutical formulation
Patrick Maurel, Medesis Pharma, France

Group Photo

Lunch Break

Title: Innovations in drug delivery technology: Improvements in long-term herpes treatment
Barry Margulies, Towson University, USA

Title: The antiangiogenic effect of dual drug loaded polymeric micelles
Adam Alani, Oregon State University, USA

Title: Role of epigenetics in the HIF pathway and novel therapeutic opportunities
Mridul Mukherji, University of Missouri-Kansas City, USA

Title: Ethicap Gel: Proprietary microencapsulation technology that facilitates solubility and bioavailability enhancement, drug combinations, controlled drug release including pulsatile delivery and multiple finished forms
Joan FitzPatrick, Freund Pharmatec Ltd., Ireland

Title: Recombinant fusion constructs of cell-penetrating peptides for targeted drug delivery to mildly acidic environment in solid tumors
Jennica Zaro, University of Southern California, USA

Title: Magnetically targeted drug delivery to stented blood vessels
Michael Chorny, University of Pennsylvania, USA

Coffee Break

Title: Multiple dose platforms for once daily administration of Cipofloxacin or Verapamil
Jason T McConville, University of New Mexico, USA
Title: Antibody-functionalized nanoparticles for targeted delivery to lung cancer
Sunday A Shoyele, Thomas Jefferson University, USA
Title: Dendron-based micelles: A potential nanocarrier platform
Seungpyo Hong, University of Illinois, USA
Title: Space-Time AFM monitoring of the formation and dissociation of genetic nanoparticles
Hosam Abdelhady, Taibah University, Saudi Arabia
Title: Design of low-molecular-weight prodrugs for targeted delivery of anticancer agents
Shengquan Liu, Touro University-California, USA
Title: Design, formulation and evaluation of self nano emulsifying drug delivery system for Nisoldipine
Balakumar K, PSG College of Pharmacy, India

Panel Discussions

Cocktails Sponsored by **Pharmaceutica Analytica Acta** **@ Almond**

Day 2 April 09, 2013

Registrations

B2B Meetings @ Almond

Hickory

Track 7: Personalized Medicine
Track 10: Drug Delivery Systems and Drug Formulations for Cancer

Chair: Imran Ahmad, Jina Pharmaceuticals Inc., USA

Session Introduction

Title: Application of 3D-QSDAR for modeling of various biological and toxicity endpoints
Richard Beger, US Food and Drug Administration, USA
Title: Micelle-encapsulated Thiostrepton is an effective nanomedicine for inhibiting tumor growth
Andrei L Gartel, University of Illinois, USA
Title: Lipid based sterically stabilized micelles as effective drug carriers for cancer and inflammatory diseases
Hayat Onyuksel, University of Illinois, USA
Title: Polymer films for the locoregional delivery of anticancer drugs in lung tumors
Fabio Sonvico, University of Technology Sydney, Australia
Title: Combination of Dirhenium cluster compounds and Cisplatin in cancer
Nataliia I Shtemenko, Oles Gonchar Dnipropetrovsak National University, Ukraine

Coffee Break

Title: Novel polymer system for controlled delivery of chemotherapeutics to improve patient outcomes
Jason Olbrich, Poly-Med Inc., USA
Title: Formulation and evaluation of Ketorolac tromethamine floating *in situ* gelling system
Prabhakar Reddy Veerareddy, Chaitanya College of Pharmacy, India
Title: Study on brain targeting Zidovudine loaded PLGA nanoparticles for AIDS therapy
C Vijaya Raghavan, PSG College of Pharmacy, India
Title: Optimized DZNep exposure presensitizes pancreatic cancer cells to anticancer nucleoside analogs: Utilization of novel drug delivery
Rajgopal Govindarajan, University of Georgia, USA
Title: Innovative bimodal porous silica for solubility enhancement of low soluble drugs
Steffen Denzinger, Merck KGaA, Germany

Lunch Break

Track 9: Novel Advances in Drug Delivery to Brain
Track 11: Pharmacokinetic Considerations of Drug Delivery

Chair: Steffen Denzinger, Merck KGaA, Germany

Title: Rx of Cancer using novel delivery system for taxanes - Clinical experience
Imran Ahmad, Jina Pharmaceuticals Inc., USA
Title: Pharmacokinetic/Pharmacodynamic (PK/PD) modeling of anti-neoplastic agents
Ayman M Noreddin, Hampton University, USA
Title: Comparative study of data generated by structural annotation of the genome for identifying the unique parameter responsible for pathogenic property of *Helicobacter pylori*
Hetalkumar Panchal, Sardar Patel University, India
Title: Syringeability and injectability of abuse-detergent dosage forms
David Mastropietro, Nova Southeastern University, USA

Title: Improvement of anti-tumor responses by DC-Sign mediated antigentargeting using glycan modified liposomes: A potential anticancer vaccine

Medha D Joshi, Midwestern University, USA

Title: Fabrication of Diclofenac sustained release tablets using microencapsulation-coacervation technique: Release characterization and *in-vivo* evaluation

Mahmood Ahmad, The Islamia University of Bahawalpur-Punjab, Pakistan

Coffee Break

Title: Transport model for drug release from delivery vectors accounting for chemical and microstructure properties

Arturas Ziemys, The Methodist Hospital Research Institute, USA

Title: *In silico* analysis of different *Helicobacter pylori* strains and its proteins responsible for gastro-intestinal tract diseases in human

Megha Vaidya, Sardar Patel University, India

Title: Engineering drug nanocarriers for delivery of chemotherapeutic drugs

Rahul Misra, Indian Institute of Technology, India

Poster Presentations @ Birch

Cocktails Sponsored by **Journal of Pharmaceutics & Drug Delivery Research** @ Almond

Day 3 April 10, 2013

Hickory

Track 2: Routes of Drug Administration
Track 4: Biopharmaceuticals
Track 5: Current Issues of Pharmaceutics in Global Market
Track 12: Management of QA/QC in Pharmaceutical Industry

Session Introduction

Title: Nanotechnology in advanced drug delivery

Prabhakar Reddy Veerareddy, Chaitanya College of Pharmacy, India

Title: Designing of magnetic nanoparticle based diagnositic kit for ultrasensitive detection of enteric fever: Evanescent-wave optical illumination studies

Mohita Upadhyaya, Indian Institute of Technology, India

Title: Cytotoxicity & kinetic studies of cancer cell lines through Methotrexate nanoparticles: Comparative analysis with direct drug

Rahul Misra, Indian Institute of Technology, India

Coffee Break

Title: Performance evaluation of abuse-deterrent dosage forms to mechanical manipulation

David Mastropietro, Nova Southeastern University, USA

Title: Pharmaceutical price controls and entry strategies

Andrews Abaitey, Vine Medics, Ghana

Title: Development and characterization of Terbutaline sulphate microsponge and its colonic delivery by compression coated tablets

Biswajit Basu, Atmiya Institute of Pharmacy, India

Award Ceremony

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Important Dates

Abstract submission opens: July 26, 2016
Registration opens: August 01, 2016
Early bird registration: March 27, 2017
On spot registration: August 28, 2017

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