5th International Conference and Exhibition on

Pharmaceutics & Novel Drug Delivery Systems

March 16-18, 2015 Crowne Plaza, Dubai, UAE

Scientific Program

Exhibitor

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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 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

Pharmaceutics & Novel Drug Delivery Systems

March 07-09, 2016 Madrid, Spain

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