

2nd Edition of Global Conference on

PHARMACEUTICS AND DRUG DELIVERY SYSTEMS

TENTATIVE
Program

PDDS
2018

THE MULTIFACETED ASPECTS OF
DRUG DELIVERY

JUNE 04-06, 2018
ROME, ITALY

Tentative Program

Keynote Presentations

Drug screening and targeting against the stem subpopulation of cancer cells

Esmail Jabbari, University of South Carolina, USA

Next generation of drug delivery system: Stimuli-sensitive combination nanopreparations

Vladimir Torchilin, Northeastern University, USA

Peptide delivery to the brain: A novel treatment for migraine

Gillian Hutcheon, Liverpool John Moores University, UK

Signaling peptides for brain diseases: Delivery and action

Eugenia V. Gurevich, Vanderbilt University, USA

Novel long lasting micellar formulations for the treatment of postoperative pain; the development of intravenous Celecoxib

Damon Smith, Altus Formulation, Canada

Impact of inhalation manoeuvre parameters on drug delivery to the Lungs from dry powder inhalers in-vitro and Ex-vivo

El Hassane Larhrib, University of Huddersfield, UK

Physicochemical characterization of co-crystals and cyclodextrin inclusion complexes of bioactive molecules

Mino R. Cairra, University of Cape Town, South Africa

Oral Presentations

Understanding the impact of Nanoparticle structure on cellular response

Georgina Kate Such, The University of Melbourne, Australia

Nanoparticle delivery of Mitochondria-associated microRNA regulating inflammation in the central nervous system

Joe E. Springer, University of Kentucky, USA

Lipid based parenteral depots for biomolecules, an update on recent work

Gerhard Winter, LMU München, Germany

Translational research of the REGgamma proteasome pathway

Xiaotao Li, Baylor College of Medicine, USA

Computational blind docking of ligands to drug targets: Methodology and applications

Csaba Hetenyi, University of Pecs, Hungary

Solubility strategies in pharmaceutical research and development

Philippe J Lienard, Sanofi Research Center, France

Overcoming the barriers to effective targeted drug delivery through stem cell-derived Nano-Ghosts

Marcelle Machluf, Israel Institute of Technology, Israel

Cyclic GMP-AMP: A new hope for metabolic disease?

Chaodong Wu, Texas A&M University, USA

Drug delivery strategies aimed at improving bioavailability and biodistribution of anti-HIV chemotherapy

Herve Hillaireau, Université Paris-Su, France

New aerosol treatment for human nasal cavity through numerical simulation

Hadrien Calmet, Barcelona Supercomputing Center, Spain

Chimeric and Multicompartment Drug Delivery Systems: Lessons learned and future perspectives

Natassa Pippa, University of Athens, Greece

The influence of gut microbiota-mediated bile acid metabolism on the cellular response to therapeutics at the intestinal barrier

Elaine Frances Enright, University College Cork, Ireland

Challenges of in vitro drug release testing in case of advanced mucosal formulations

Mario Jug, University of Zagreb, Croatia

Does methylphenidate (Ritalin) a remedy of choice for ADHD and cognitive enhancement or addictive danger

Nachum Dafny, The University of Texas, USA

Cyclodextrin-based photoactive liposomal nanoparticles for tumor targeting

Ilya Yakavets, Université de Lorraine, France

Cell-type specific in vivo gene delivery by receptor-targeted viral vectors

Christian J. Buchholz, Paul-Ehrlich-Institut, Germany

Getting health allies from agriculture enemies: Plant viruses as smart nanoparticles for vaccine/ drug delivery

Selene Baschieri, ENEA-Laboratory of Biotechnology, Italy

The role of gastrointestinal transit on bioavailability of oral formulations

Henry Lin, University of New Mexico, USA

Organ-on-a-chip platforms for studying early stage drug development

Sabiruddin Mirza, LECOM, USA

Biopharmaceutical study on a traditional Chinese medicine preparation Er-Zhi-Wan water honey pills

Meng Wang, Tianjin University, China

Brain targeted nanotherapeutics: an enticing journey from ideation to product realization

Vandana B. Patravale, Institute of Chemical Technology, India

5-Tiered (pre-) formulation approach to support toxicology studies

Marc Du Jardin, Universiteit Antwerpen, Belgium

Poly (vinyl pyrrolidone) Nanofibers as Drug Delivery of Sildenafil Citrate

Luis Jesús Villarreal-Gómez, Escuela de Ciencias de la Ingeniería y Tecnología, Brazil

Biomedical and pharmacotherapeutic potentials of African medicinal plants in terms of diabetes: An update

Shahidul Islam, University of KwaZulu-Natal, South Africa

Population pharmacokinetics and pharmacodynamic modeling of carbapenem in critically ill patients with severe sepsis and septic shock: Meropenem study model to optimize dosage regimens

Sutep Jaruratanasirikul, Prince of Songkla University, Thailand

TPGS-coated liposomes loaded with Melphalan and Vitamin-E: An approach to improve In vivo stability and bioavailability

John Disouza, Tatyasaheb Kore College of Pharmacy, India

Speaker Slots Available

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Conference Dates: June 04-06, 2018

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