

2<sup>nd</sup> 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. Caira, 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

**<sup>177</sup>Lu-PSMA-617 radioligand therapy for lymph node-positive prostate cancer: A retrospective cohort study**

Finn Edler von Eyben, Center of Tobacco Control Research, Denmark

**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, Universite 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

**Drug delivery to solid tumours**

Sureshwar Pandey, The University of the West Indies, Trinidad

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

Meng Wang, Tianjin University, China

**Numerical evaluation of exhalation through the nose treatment for eosinophilic chronic rhinosinusitis using computational fluid dynamics**

Takahisa Yamamoto, National Institute of Technology, Gifu College, Japan

**Polyethyleneimine-simvastatin nanoparticles loaded PANI/chitosan-gelatin scaffolds as drug delivery for osteogenesis**

Kwunchit Oungbho, Prince of Songkla University, Thailand

**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

**Application of 3D multiple cells model to mimic physiological environment to study cancer development, metastasis and drug screening**

Jackie Yuen Lam Pon, The University of Hong Kong, Hong Kong

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

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

**Porous biodegradable particles for efficient transfollicular drug delivery**

Yulia Svenskaya, Saratov State University, Russia

**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

# Program

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**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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