

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

**Flexible analyses of population-based pharmaco-epidemiological studies of comparative effectiveness and safety of drugs**

Michal Abrahamowicz, McGill University, 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

**Targeting nanomedicine to the vascular endothelium**

Vladimir Muzykantov, University of Pennsylvania the Perelman School of Medicine, USA

**Targeting nanomedicine to the vascular endothelium Vladimir Muzykantov, University of Pennsylvania the Perelman School of Medicine, 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

**Redox platforms in cancer drug discovery and development**

Danyelle M. Townsend, University of South Carolina, 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

**Engineering novel formulations for the treatment of age-related diseases**

Bahijja Raimi-Abraham, King's College London, UK

**Myometrium-targeted liposomes for prevention of preterm labor**

Biana Godin, Houston Methodist Research Institute, USA

**The Competitive binding Studies of CMP Inhibitor and Polysialic Acid (polySia) to the Polybasic Polysialyltransferase Domain (PSTD) in the Polysialyltransferase**

Guo-Ping Zhou, Gordon Life Science Institute, USA

**The effects of drug encapsulation into gellan gum matrix by the example of roxithromycin, naproxen and meloxicam**

Tomasz Osmalek, Poznan University of Medical Sciences, Poland

**Development of C-based single domain antibodies as next-generation therapeutics**

Rui Gong, Wuhan Institute of Virology, China

**The effects of drug encapsulation into gellan gum matrix by the example of roxithromycin, naproxen and meloxicam**

Tomasz Osmalek, Poznan University of Medical Sciences, Poland

**New aerosol treatment for human nasal cavity through numerical simulation**

Hadrien Calmet, Barcelona Supercomputing Center, Spain

**Case presentation: Patient with metastatic pancreatic adenocarcinoma treated with nanoliposomal irinotecan combination therapy**

Matej Dobravc Verbic, University Medical Centre Ljubljana, Slovenia

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

Natassa Pippa, University of Athens, Greece

**Novel RNA-carbohydrate conjugates for modulation of LDLR and cholesterol by transcriptional silencing**

Kira Astakhova, Beckman Research Institute, Denmark

**Synthesis, molecular docking, antimycotic and cytotoxic evaluation of new derivatives of imidazo[1,2-a]azines**

Jorge Omar Gomez Garcia, Universidad Nacional Autonoma de Mexico, Mexico

**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

**In vitro cytotoxicity of conjugated polymer nanoparticles for NIR imaging**

Laura Urbano, King's College London, UK

**Increasing therapeutic efficacy of anti-cancer drugs using tumor-targeted polymer nanocarriers**

Yoon Sung Nam, Korea Advanced Institute of Science and Technology, Korea

**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

**EAAT3 proteins as a pharmacological target for the design of new antiepileptic drugs**

Lourdes Amable Vegavrasgado, Escuela Nacional de Ciencias Biológicas, Mexico

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

Kwunchit Oungbho, Prince of Songkla University, Thailand

**Synthesis and cytotoxicity studies on novel piperazinylacetamides**

Enise Ece Gurdal, Yeditepe University, Turkey

**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

**Arabinogalactan and Glycyrrhizic acid as promising agents for oral drug delivery**

Mikhail V. Khvostov, N.N. Vorozhtsov Institute of Organic Chemistry, Russia

**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 Jesus Villarreal-Gomez, Universidad Autonoma de Baja California, Mexico

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

Yulia Svenskaya, Saratov State University, Russia

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

Shahidul Islam, University of KwaZulu-Natal, South Africa

**Hard alginate capsules shell as enteric capsules**

Hakim Bangun, University of Sumatera Utara, Indonesia

# Program

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**Ancient and modern pharmacological studies of Fufang E'jiao Jiang**

Dongliang Wang, Dong-E-E-Jiao Co. Ltd, China

**Microbiological pharmaceutical analysis: Better safe than sorry**

Ana Carolina Kogawa, Universidade Estadual Paulista – UNESP, Brazil

**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



Holiday Inn Rome Aurelia, Via Aurelia,  
Km 8.400, 00165 | Rome, Italy

**Conference Dates: June 04-06, 2018**

Questions? Contact +1 (702) 988-2320 or Inquires: [pharma@magnusconferences.com](mailto:pharma@magnusconferences.com)

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