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
Esmaiel 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

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

^{177}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 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 meloxicamTomasz Osmalek, Poznan University of Medical Sciences, Poland

New aerosol treatment for human nasal cavity through numerical simulationHadrien Calmet, Barcelona
Hadrien Calmet, Barcelona Supercomputing Center, Spain

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

Drug delivery to solid tumours
Sureshawar 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

Biomedicinal 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

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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