

**TENTATIVE
PROGRAM**

3rd Edition of Global Conference on
**PHARMACEUTICS AND
DRUG DELIVERY SYSTEMS**

**PDDS
2019**

JUNE 24-26, 2019
PARIS, FRANCE

*Theme: Addressing current challenges in the
development and delivery of medicinal agents*

Keynote Presentations

Title: Novel developments in lipid-based multifunctional combination nanopreparations for multidrug resistant cancer

Vladimir P Torchilin, Northeastern University, USA

Title: Nanomaterials for targeting drugs to cancer stem cells

Esmail Jabbari, University of South Carolina, USA

Title: Taking your active from the lab to scale-up formulation development of a topical delivery system

Robert Houlden, Formulytica Pty. Ltd., Australia

Title: Government and industry response to the US opioid epidemic

Robert P. Bianchi, Prescription Drug Research Center, USA

Title: Nano-enabled delivery of drugs and imaging agents to colorectal cancer cells in vitro and in vivo

Paul A. Millner, University of Leeds, UK

Title: Synthesis and physicochemical analysis of multi-component phases in drug development

Mino R Cairra, University of Cape Town, South Africa

Title: Nanoparticle delivery of natural products for the treatment of lung cancer

Gillian Hutcheon, Liverpool John Moores University, UK

Title: Cell-penetrating peptides and delivery of oligonucleotides

Ulo Langel, Stockholm University, Sweden

Title: Strategies to improve drug delivery to the lungs from dry powder inhalers

El Hassane Larhrib, University of Huddersfield, UK

Title: Pharmaceutical applications of graphene-based nanomaterials in cancer theranostics

Marlene Lucio, University of Minho, Portugal

Oral Presentations

Title: The use of self-immolative polymers to control cellular delivery

Georgina Kate Such, University of Melbourne, Australia

Title: Delivering type I interferon to dendritic cells empowers tumor eradication and immune combination treatments

Jan Tavernier, Ghent University, Belgium

Title: Docetaxel-liposomes prepared by the dual centrifugation method: Effect of propylene glycol and lipid charge on liposomal characteristics

Ann Mari Holsater, University of Tromso, Norway

Title: Nano- versus micro-particles for S-nitrosoglutathione formulation

Marianne Parent, Universite de Lorraine, France

Title: P-selectin targeted nanocarriers are efficient drug delivery systems to activated endothelium

Manuela Calin, "N. Simionescu" of Romanian Academy, Romania

Title: Influence of formulation and freeze drying process variations on protein stability

Paritosh Pande, IMA Life North America and University of Connecticut, USA

Title: Drug delivery to the skin: Nanostructures for the treatment of precancerous actinic keratosis

Silvia Tampucci, University of Pisa, Italy

Title: Antibody-guided discovery of potent small-molecule fusion inhibitors of influenza virus

Maria van Dongen, Johnson & Johnson, Belgium

Title: Radiolabeled niosomes as potential passive targeting nanocarriers

Alice Chuah Lay Hong, Monash University, Malaysia

Title: Release and activity of the broad spectrum antibiotic Rifampicin from biodegradable polymer PLGA

Justine Fraser, University of Strathclyde, UK

Title: Influence of formulation and freeze drying process variations on protein stability

Tatyana Viktorovna Leshina, Voevodsky Institute of Chemical Kinetics and Combustion, Russia

Title: Pharmacovigilance: Aims, challenges and perspectives

Razan Ghattas Mhanna, Lebanese International University, Lebanon

Title: Multifunctionalized and targeted biocatalytic nanoreactor for combinatory treatment of ER+ breast cancer

Rafael Vazquez-Duhalt, Universidad Nacional Autonoma de Mexico, Mexico

Title: In vitro modeling of the blood-brain barrier

Fabien Gosselet, Artois University, France

Title: Designing ADME formulations with matching exposures to amorphous solid dosage forms

Aditya Tatavarti, Merck Research Laboratories, USA

Title: Prototyping and evaluating a novel humanoid chewing robot for drug delivery using a medicated chewing gum

Kazem Alemzadeh, University of Bristol, UK

Title: Engineering novel selectivity into metalloantibodies germline-encoded precursor to the murine anti-S1P metalloantibody in E.coli and baculovirus-insect cell system

Elinaz Farokhi, San Diego State University, USA

Title: Pseudomonas aeruginosa type 3 secretion system mediated antigen delivery for cancer immunotherapy

Bertrand Toussaint, Univ.Grenoble Alpes, France

Title: Systemic liver-targeting delivery of a novel DNA/RNA heteroduplex oligonucleotide via an enteral route

Chie Watanabe, Josai University, Japan

Title: Global legal tools for pharmacovigilance and risk control

Eliana Silva De Moraes, The Brazilian Regulatory Affairs Society – ABPVS in Europe, Brazil

Title: Lipid and carbohydrate based delivery vesicles for gene therapeutics: Approaching difficult diseases

Kira Astakhova, Technical University of Denmark, Denmark

Title: Precilinal validation of a cell penetratin and interfering peptide

Angelita Rebollo, CIMI Paris, France

Title: In situ delivery and production system of anti-cancer molecules with gene-engineered bifidobacterium

Shunichiro Taniguchi, Shinshu University, Japan

Title: A RNA producing DNA hydrogel as a platform for a high performance RNA interference system

Nokyoung Park, Myongji University, Korea

Title: The story of Glatiramer acetate (Copaxone) in the treatment of multiple sclerosis and its new applications

Rina Aharoni, The Weizmann Institute of Science, Israel

Title: Calixarene nanovesicles for drug delivery

Jingxin Mo, Guilin Medical University, China

Title: Influence of mucoadhesivity on the bioavailability of nanoparticulate drug delivery systems

Ylenia Zambito, University of Pisa, Italy

Title: Physicochemical and biophysical study of mechanisms the drugs bioavailability enhancement with new multifunctional delivery systems

Nikolay E. Polyakov, Voevodsky Institute of Chemical Kinetics and Combustion, Russia

Title: High throughput evaluation of the payload delivery efficiency for immunoconjugates

Xincheng Hou, ShanghaiTech University, China

Title: Catalytic antibodies (Ab-Proteases) as unique biomarkers and targets to monitor and to manage chronic disorders and to serve tools for translational applications of the next-step generation

Sergey V Suchkov, Sechenov University, Russia

Title: Liposomes as valuable drug delivery systems for siRNA and Hsp90 inhibitors to target triple negative breast tumors

Juliette Vergnaud-Gauduchon, Universite Paris-Sud, France

Title: Pharmacological developments on diabetes: Natural products to nanospheres

Muhammed Yayla, Kafkas University, Turkey

Title: Vaccines in the Italian healthcare system: Regulation and measures to support and prevent

Maria Carmen Agnello, University of Bologna, Italy

Title: Discovery of novel bacterial genes encoding the enzymes acting on modified uracil/uridine derivatives and their use for gene therapy in cancer treatment

Jaunius Urbonavicius, Vilnius Gediminas Technical University, Lithuania

Title: Facile preparation and characterization of robust metal-free nitroxide-based magnetic mixed micelles as MRI-visible drug delivery carrier

Rui Tamura, Kyoto University, Japan

Title: A nanomedicine approach in the treatment of arterial hypertension

Haissam Abou Saleh, Qatar University, Qatar

Title: Role of the optimal dynamic state and stabilized catalytic complex for rational design of pharmaceutical enzymes: A mutant streptokinase (Asn228Lys/Phe287Lys) with enhanced, fibrin-dependent activity - Computational assessments and experimental validations

Farzin Roohvand, Pasteur Institute of Iran, Iran

Title: Cyclodextrins in inclusion and non-inclusion complex with drugs: in vitro and in vivo approach

Adley Antonini Neves de Lima, Federal University of Rio Grande do Norte, Brazil

Title: Detection of "Hidden" Drug Resistance by the EZMTT assay

Benfang H. Ruan, Zhejiang University of Technology, China

Title: Targeting liver function to circumvent neuronal and cardiac dysfunctions linked to hyperhomocysteinemia

Nathalie Janel, Univ Paris Diderot, France

Title: In vitro model of diclofenac sodium gel delivery through pig skin

Enkelejda Goci, Aldent University, Albania

Title: Frameshift mutation-induced alternative translation initiation as a mechanism for migraine induction involving two-pore-domain potassium channels

Guillaume Sandoz, Universite Cote d'Azur, France

Title: Preparation and characterization of erythrocyte membrane cloaked PLGA/arsenic trioxide nanoparticles and evaluation of their in vitro antitumor effect

Zul Kamal, Shanghai Jiao Tong University, China

Title: Development of a new formulation for the treatment of hemorrhoidal disease using recombinant streptokinase as active pharmaceutical ingredient

Ana Aguilera, Center for Genetic Engineering and Biotechnology/Biocubafarma, Cuba

Title: Achieving lower intraocular pressure using phospholipid free, release modulated lipid carriers

Mayssa Abdel Hady, National Research Center, Egypt

Title: Freshwater Sapropel as raw material in medicine and pharmaceutical production
Agris Auce, Rigas Stradins University, Latvia

Title: Designing extracellular vesicles for bio-camouflaged drug delivery and cell-free regenerative medicine

Amanda Silva Brun, Universite Paris Diderot, France

Title: Nanoencapsulated bevacizumab inhibits glioblastoma vascularization via intratumoral VEGF trapping

Flavia Sousa, Universidade do Porto, Portugal

Title: The nuclear membrane as a barrier to the action of anthracycline chemotherapeutics

Gulnihal Ozcan, Koc University, Turkey

Title: Encapsulation of silver nanoparticle in DPPC based liposome suppresses ROS, induced inflammation and enhance nanoparticle cytotoxicity

Azeez Yusuf, Technical University Dublin, Ireland

Title: Freshwater Sapropel as raw material in medicine and pharmaceutical production
Agris Auce, Rigas Stradins University, Latvia

Slots Available

Poster Presentations

Title: Study of the capability of Chitosan-Glutathione nanoparticles to modulate redox state in human Chondrocytes

Roberto Diaz-Torres, National University of Mexico, Mexico

Title: The biomedical application of biogenic silver nanoparticles produced from *Cotyledon orbiculata*

Samantha Meyer, Cape Peninsula University of Technology, South Africa

Title: Nano-amorphous abiraterone acetate formulation with improved bioavailability and eliminated food effect

Tamas Jordan, NanGenex Inc, Hungary

Title: Cell-free expression of a membrane antigen for vaccine uses

Geraldine Mayeux, University Grenoble Alpes, France

Title: Dissolution study of drug release from biopolymer matrix tablets

Kevin Matzick, University of Pardubice, Czech Republic

Title: TAA-induced liver damage in KLF10 knockout mice

Azra Memon, Inha University, Korea

Title: Neuropeptide Y-based recombinant peptides improve bone loss in mice by regulating hematopoietic stem/progenitor cell mobilization

Hee Kyung Jin, Kyungpook National University, Korea

Title: Antitumor effects of retargeted AAV2 virus on ovarian cancer in vivo

Hyung Jun Ahn, Korea Institute of Science and Technology, Korea

Title: Niosomal encapsulation of Curcumin: Characterization and its potential as a therapeutic intervention in asthma

Dinesh Kumar Chellappan, International Medical University, Malaysia

Title: Characterization of Galactomannan isolated from Cocos nucifera cv. Makapuno

Arjim Luna, National University, Philippines

Title: Kinetics of pentoxifylline release from hydrophilic, lipophilic and dual matrix tablets

Barbora Slezakova, University of Pardubice, Czech Republic

Title: Strategies to increase the passage of large molecules through the blood brain barrier

Charlotte Lombardi, Grenoble-Alpes University, France

Title: Development of rotigotine nanoparticles and its effect on haloperidol induced Parkinsonian symptoms in rats

Subrat Kumar Bhattamisra, International Medical University, Malaysia

Title: Freshwater sapropel extract for use in medicine and pharmaceuticals

Aneka Klavina, Rigas Stradins University, Latvia

Slots Available

Holiday Inn Paris – Marne La Vallée

2 boulevard du Levant, 93160 Noisy-le-grand, Paris, France

Conference Dates: June 24-26, 2019

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

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