

**PDDS 2017**

Global Conference on

# Pharmaceuticals and Drug Delivery Systems

Tentative Program

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June 29 - July 1, 2017 | Valencia, Spain

Day 1 June 29, 2017 (Thursday)

## Keynote Presentations

**Title: Macrophage-Stabilized drug crystals**

Rosania Gus, University of Michigan, USA

**Title: Engineered spatiotemporal delivery of morphogens for skeletal regeneration**

Esmail Jabbari, University of South Carolina, USA

**Title: Yet to be decided**

Gabriel Lopez-Berestein, University of Texas M.D. Anderson Cancer Center, USA

**Title: Transfection by cell-penetrating peptides**

Ulo Langel, Stockholm University, Sweden

**Title: Bioinspired sequence-defined drug, protein and gene carriers by chemical evolution**

Ernst Wagner, Ludwig-Maximilians-University, Germany

## Oral Presentations

**Title: Branched amphiphilic cationic oligo-peptides for delivery of HPV-16 DNA vaccines**

Adriana Avila Flores, Auburn University, USA

**Title: Patient Centric Drug Delivery Systems: ODT ( Oral Disintegrating Tablet ) and ODF ( Oral Disintegrating Film )**

Carmen Popescu, Roquette America Inc, USA

**Title: In Situ Gelling Liquid Crystalline Systems Based On Amphiphilic Lipids For Mucosal Drug Delivery: Development And Applications**

Kariane Nunes, Federal University of the Western of Para (UFOPA), Brazil

**Title: Building a better antibody-based medicine: Antibody mimetic**

Hanieh Khalili, University of East London, UK

**Title: Solubility Strategies at the Interface of Drug Discovery and Development**

Philippe Lienard, Sanofi Research Center, France

## Workshop

**Title: Commercializing biopharmaceuticals in a changing landscape**

James R Harris, Healthcare Economics LLC, USA

**Title: Yet to be decided**

Maria Vicent, Principe Felipe Centro de Investigacion, Spain

**Title: Targeted self-navigating multifunctional drug delivery vehicles driven by promiscuous landscape phage proteins**

Valery A. Petrenko, Auburn University, USA

**Title: Engineering Endosomal Escape Using pHlexi particles**

Georgina Kate Such, The University of Melbourne, Australia

**Title: Drug Delivery Across the Skin Barrier using Biocompatible Thermoresponsive Nanogels**

Fiorenza Rancan, Charité - Universitätsmedizin Berlin, Germany

**Title: Ligand-directed Targeting and Molecular Imaging Based on Vascular Zip Codes Revealed by in Vivo Phage Display**

Renata Pasqualini, University of New Mexico Health Science Center, USA

**Title: Hydrogen sulfide: a novel mediator and therapeutic target for inflammatory disease**

Madhav Bhatia, University of Otago, New Zealand

**Title: Can antibiotics treat cancer?**

Rina Rosin-Arbesfeld, Tel-Aviv University, Israel

**Title: Development of highly targeted therapies for breast cancer**

Bulent Ozpolat, The University of Texas-Houston-MD Anderson Cancer Center, USA

**Title: Novel ring-fused tetrapyrrolic macrocycles**

Teresa Pinho e Melo, University of Coimbra, Portugal

**Title: Locust Bean Gum-based nanoparticles for oral immunization**

Luis Braz, University of Algarve, Portugal

**Impact of surface anisotropic forces on powder flowability**

M. Teresa Carvajal, Purdue University, USA

**Title: Magnetic nanoparticles of chitosan for delivery trail expression and apoptosis in lungs induced by external magnetic field**

Cynthia Aracely Alvizo-Baez, Universidad Autónoma De Nuevo Leon, Mexico

**Title: Drug delivery via polymeric thermosensitive nanocarriers**

Witold Musial, Wroclaw Medical University, Poland

**Title: Improvements of computational optimization of drug-target interactions**

Csaba Hetenyi, University of Pecs, Hungary

Speaker Slots Available

**Day 2 June 30, 2017 (Friday)**

## Keynote Presentations

**Title: Driving endocytosis for enhancing cellular delivery and intracellular targeting of therapeutics**

Arwyn Tomos Jones, Cardiff University, UK

**Title: Cyclodextrins as Reliable Solubilization Tools for BCS Class II and IV Drugs**

Carmen Popescu, Roquette America Inc, USA

**Title: Challenges and progress in delivering molecules to the brain**

Teruna J. Siahaan, The University of Kansas, USA

**Title: Dry powder inhalers - Challenges and opportunities in delivering drugs to the lungs**

El Hassane Larhrib, University of Huddersfield, UK

**Title: Anionophores, an emerging group of molecules to fight cancer**

Ricardo Perez Tomas, University of Barcelona, Spain

## Oral Presentations

**Title: Impact of Bioscience to Pharmacology**

Guo-Ping Zhou, Gordon Life Science Institute, USA

**Title: Peripheral and Central Nervous System Delivery of Drugs to Prevent Post-Operative Pain**

Strichartz Gary R, Harvard Medical School, USA

**Title: Formulation of Liposomal Doxorubicin modified with Bombesin Peptide for selective targeting of GRP Receptors over-expressed by Cancer Cells**

Giancarlo Morelli, University of Naples "Federico II", ITALY

**Title: Ex-Vivo Intraocular Model to Investigate Long-Term Protein stability in Vitreous Humor**

Sulabh Patel, F. Hoffmann-La Roche Ltd, Switzerland

**Title: Nucleic acid based amphiphiles as soft materials for nanomedicine**

Philippe Barthélémy, ChemBioPharm, France

**Title: Raman microscopy to in vivo measure the transcutaneous drug delivery**

Darvin Maxim, Charite-Universitaetsmedizin Berlin, Germany

**Title: Pharmacogenetics**

Rozana Oliveira, Oswaldo Cruz Foundation, Brazil

**Title: Co-crystallization as an effective particle engineering technique for functionality improvement of APIs**

Mihir K. Raval, Saurashtra University, India

**Title: Factors Contributing to the identification and prevention of wrong drug prescribing error**

Alkhani Salma Mohamed, King Faisal Specialist Hospital & Research Center, Saudi Arabia

**Title: Pharmaceutical Innovation In The Treatment Of Pain: Combination Of Morphine With Omega-3 Fatty Acids**

Carlos Horacio Laino, National University of La Rioja, Argentina

**Title: Impact of drug crystal habit on drug-carrier surface interactions and consequent powder dispersion from dry powder inhalers**

M. Teresa Carvajal, Purdue University, USA

**Title: Polysaccharide drug carrier systems**

Lee D. Wilson, University of Saskatchewan, Canada

**Title: Development of Clinical Pharmacy Services at King Khalid University Hospital and its impact on the Quality of Healthcare Provided**

Abdulaziz A. Saddique, King Saud University Hospitals, Saudi Arabia

**Title: Inhalable therapy of pulmonary tuberculosis mediated by polysaccharide microparticles**

Ana Margarida Grenha, University of Algarve, Portugal

**Title: Dialogue of vitamin U and enteric bacteria**

S. Zeynep Tekin, Canakkale 18 Mart University, Turkey

**Title: Antimicrobial activity of beta-lactamase inhibitor peptides and effects on bacterial membrane structure and integrity**

Elif Ozkirimli, Bogazici University, Turkey

**Title: Lipoprotein based drug delivery platform**

Andras G. Lacko, University of North Texas Health Science Center, USA

**Title: Development of receptor targeted nanocomplexes for delivery of RNA therapeutics to the lung**

Stephen Hart, UCL GOS Institute of Child Health, UK

**Title: The bone-cartilage interface: A complex biological barrier with potential therapeutical targets**

Elod Erno Nagy, University of Medicine and Pharmacy Targu-Mures, Romania

## Poster Presentations

**Title: The effect of the inhalation manoeuvre parameters on the indacaterol drug deposition from Onbrez Breezhaler dry powder inhaler**

M. Abadelah, University of Huddersfield, UK

**Title: Positive penicillin allergy testing results: a systematic review and meta-analysis of papers published from 2010 through 2015**

Farnoush Harandian, McGill University, Canada

**Title: The Applications of Potential Aromatic Prodrugs In NTR Based Cancer Therapy**

Tugba Gungor, Canakkale Onsekiz Mart University, Turkey

**Title: Development of intravenous form of rifapentine and its in vivo evaluation**

Konstantin Ostrovskiy, Drugs Technology LLC, Russia

**Title: Elevated coagulation factor IX and risk of thrombosis development**

Salma AlDallal, Amiri Hospital, Kuwait

**Title: Medication use evaluation with in standard definition of stat order tertiary hospital al wakra hospital HMC**

Asmaa Ahmed Fayeze, Al Wakra Hospital, Qatar

**Title: Design and Synthesis of New EF2K Inhibitors for The Treatment of TNBC and Pancreatic Cancers and their in vitro release studies from biocompatible natural polymeric particles**

Ferah Comert Onder, Canakkale Onsekiz Mart University, Turkey

**Title: Silymarin loaded mesoporous silica nanoparticles: Preparation, optimization, pharmacodynamic and oral multi-dose safety assessment**

Maha Mohamed Adel Nasra, Alexandria University, Egypt

**Title: Oral delivery of a novel antibody domain Vorobody for the treatment of Crohn's Disease**

John Wahlich, John Wahlich Associates Ltd, UK

**Title: Development and evaluation of nanofibrous oral strips – new drug delivery system for poorly soluble drugs**

Anna Kluk, Zentiva k.s, Czech Republic

**Title: Sustained and/or controlled delivery by core-shell polymer nanocapsules**

Gemma Vilar Palos, Leitat Technological Center, Spain

**Title: The applications of potential aromatic prodrugs In NTR Based cancer therapy**

Tugba Gungor, Canakkale Onsekiz Mart University, Turkey

**Title: Design and synthesis of new EF2K inhibitors for the treatment of TNBC and pancreatic cancers and their in vitro release studies from biocompatible natural polymeric particles**

Ferah Comert Onder, Canakkale Onsekiz Mart University, Turkey

**Title: Nanoparticle engineering of atovaquone using nano-by-design (NbD) approach**

Pratik S. Kakade, Institute of chemical technology, India

**Title: Polyphenols loaded vaginal microbicide: A novel strategy for prevention of HIV transmission**

Amit Mirani, Institute of chemical technology, India

**Title: Gastrointestinal safety and efficacy of long-term GCSB-5 use in patients with osteoarthritis: A 24-week, multicenter study**

Joon-Soon Kang, Inha University Hospital, Republic of Korea

**Title: Dissolving microneedle arrayed patch/Transdermal drug delivery**

Booyong Lee, Raphas Co., Ltd, Republic of Korea

Speaker Slots Available

**Day 3 July 01, 2017 (Saturday)**

## Keynote Presentations

**Title: Nanocomposite microparticles for the pulmonary delivery of bio-macromolecules**

Hutcheon Gillian, Liverpool John Moores University, UK

**Title: Crystal engineering of alternative solid forms of therapeutic agents**

Mino Rodolfo Caira, University of Cape Town, South Africa

**Title: Why perform pharmaceutical analysis green and optimized?**

Ana Carolina Kogawa, Univ Estadual Paulista, Brazil

**Title: Development of nitroreductase/prodrug system for cancer therapy**

Mehmet Ay, Canakkale Onsekiz Mart University, Turkey

## Oral Presentations

**Title: HPMA copolymer-bound doxorubicin as endogenous vaccine substantially increases therapeutic effect of check-point blockage monoclonals: Acute versus chronic model**

Blanka Rihova, Institute of Molecular Genetics of the ASCR, Czech Republic

**Title: Peptide-based therapeutics for the treatment of neurodegenerative diseases; challenges and opportunities**

Gurevich Eugenia V, Vanderbilt University, USA

**Title: Active loading of resveratrol in transferrin-functionalised liposomes using a pH gradient technique**

Sarmad Al-Edresi, University of Manchester, UK

**Title: Preclinical toxicological evaluation of a similar biological version of enoxaparin drug product versus reference product**

Zina Kobbi, University of Monastir, Tunisia

**Title: Systematic development of nanolipospheres loaded with phospholipid complex of rosuvastatin with enhanced biopharmaceutical performance**

Abdus Samad, Panjab University, India

**Title: Towards improved activity and stability of gene therapeutics**

Kira Astakhova, University of Southern Denmark, Denmark

**Title: Epigenetic alternation under the influence of peptide bioregulators of the "aging" heterochromatin**

Teimuraz Lezhava, Tbilisi State University, Georgia

**Title: Investigation of water transport effects on drug release for pH-sensitive hydrogels**

Yaqiong Li, West China School of Pharmacy, China

**Title: Smart lipid nanocarriers: Potential for intracellular targeting**

Vandana B. Patravale, Institute of chemical technology, India

**Title: Green technology approach for development of BCS Class II molecule nanoformulation**

Sandip M. Gite, Institute of Chemical Technology, India

Speaker Slots Available

*We wish to meet you @*

**PDDS-2017**

**During June 29-July 1, 2017 at Valencia, Spain**

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

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