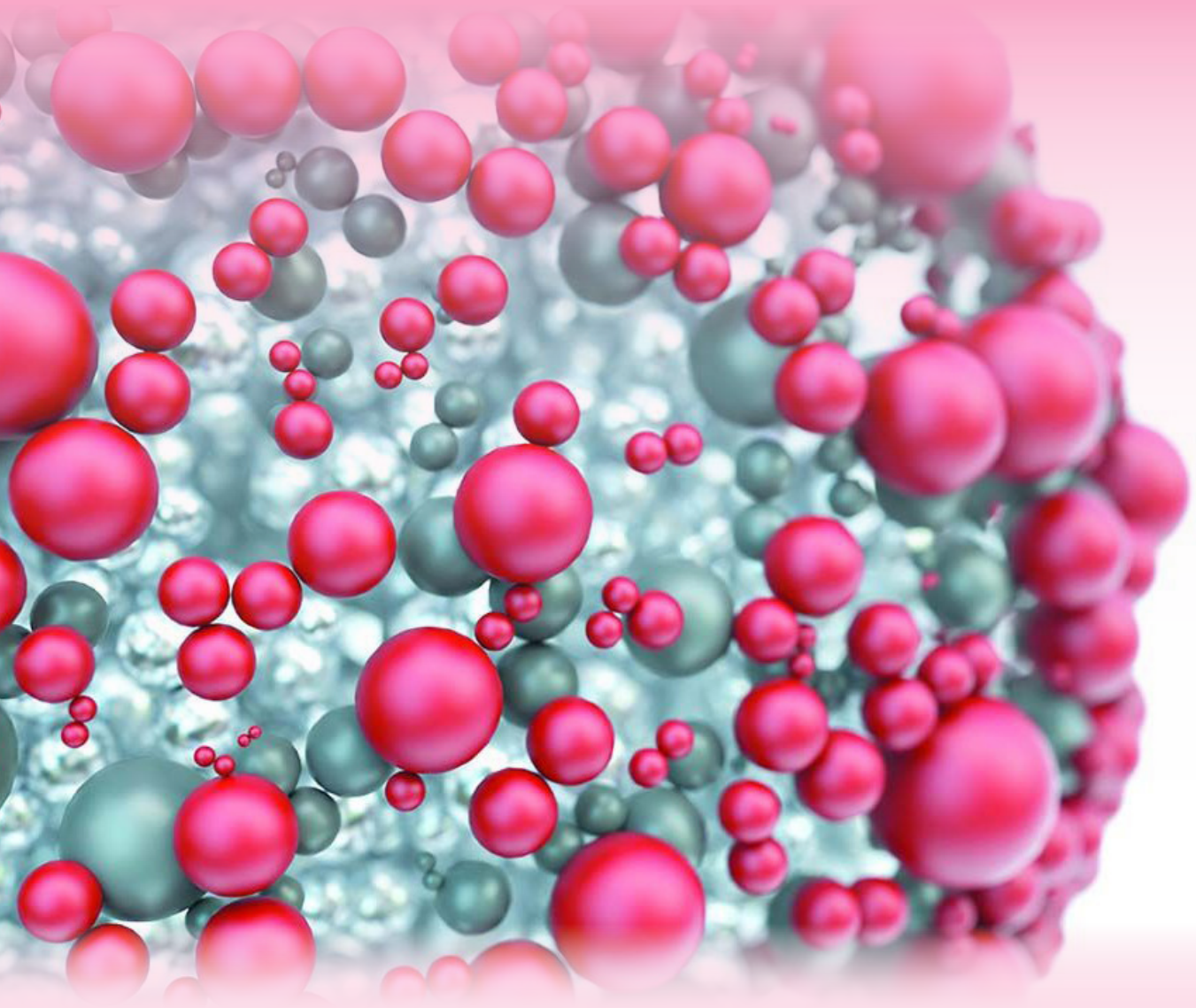
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Scientific Program

6th International Conference on

Drug Delivery and Formulations

May 18-19, 2022 | Edinburgh, Scotland



DRUG DELIVERY 2022

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Scientific Program

Drug Delivery 2022

May 18, 2022 at Edinburgh, Scotland (GMT Time) | Day 01

Opening Ceremony 09:00 - 09: 15

Keynote Forum

09:15 - 09:55	**Title: Topical drug delivery with nanoparticles: Science fiction or reality?** **Juergen Lademann,** Director Center of Experimental and Applied Cutaneous Physiology, Germany
09:55 - 10:35	**Title: The Development and Commercialisation of Sustained Release Ocular Drug Delivery Systems** **Michael J O Rourke,** President Re-Vana Therapeutics, USA
10:35 - 11:15	**Title: Lipophilic vaccine delivery systems** **Istvan Toth, Professor,** The University of Queensland, St. Lucia, Queensland, Australia

Break 11:15-11:30

Sessions on: Targeted Drug Delivery System| Application of polymers for drug delivery

11:30 - 11:45	**Title: Inflamed site-specific drug delivery system using human serum albumin nanoparticles** **Yasunori Iwao,** Associate Professor School of Pharmaceutical Sciences,University of Shizuoka, Japan
11:45 - 12:00	**Title: Targeted Drug Delivery -Nanoantibiotics for Targeted Antibiotic Delivery for Bacteria** **Surangi Jayawardena,** Assistant professor The University of Alabama in Huntsville USA
12:00 - 12:15	**Title: Discovery of a synthetic method to form 2,2-bis(naphthoquinone) compounds** **Jayalakshmi Sridhar,** Xavier University of Louisiana, USA
12:15 - 12:30	**Title: Polyacrylate-based Vaccine Delivery System** **Mariusz Skwarczynski,** Associate Professor The University of Queensland, St. Lucia, Queensland, Australia
12:30 - 12:45	**Title: Transdermal Drug Delivery: Recent Advances to narrow down the Gap between Reality and Expectations** **MOHSEN I. AFOUNA,**
12:45 - 13:00	**Title: Controlled release of bacteriophage from PLGA microparticles delivered by microneedle patches to induce innate and adaptive immune system** **Rezvan Jamaledin,** Italian Institute of technology

Lunch Break 13:00-14.00

Sessions on: Novel Drug Delivery System | Protein based drug Delivery

14:00 - 14:30	**Title: Generic Injectable Drug Development using Quality by Design Principles** **BINDHU RAYAPROLU,** Associate Director, Research & Development, United States
14:30 - 15:00	**Title: Melanin Functionalized Protein Nanofibers: A Bio-inspired Platform for Drug Release** **GozdeKabay,** TOBB University of Economics and Technology, Turkey
15:00-15:30	**Title: Biodegradable In Situ Forming Hydrogel for Intraocular Drug Delivery** **Abdullah Abubakre,** Academic Writer, Canada
15:30-16:00	**Title: Formulation of a novel antibacterial polymeric composite for delivery of curcumin** **GozdeKabay,** TOBB University of Economics and Technology, Turkey

16:00-16:30	**Title: Formulation optimization of smart thermosetting lamotrigine loaded hydrogels using response surface methodology, Box Behken design and artificial neural networks** **Prof R.B Walker,** Rhodes University, South Africa
16:30-17:00	**Title: Enhanced Tumor Toxicity and Reduced Off-target Toxicity by Pretargeting Mammary Carcinoma with Bispecific Antibody Complexes and Dual Polymer-Pro- Drug Conjugates** **Ban An Khaw** ,Department of Pharmaceutical Sciences, Northeastern University, Boston, USA

Day 02

Opening Ceremony 09:00 - 09: 15

Keynote Forum

09:15 - 09:55	**Title: Development and Characterization of Sterile Nanoparticulate Suspensions** **Robert Lee,** Executive Vice President Particle Sciences, USA
09:55 - 10:35	**Title: Are we the medical researchers enslaved by an antique established status quo and a rigid system that can compromise the outcome of our research conclusions or even the efficiency of final treatments/drugs?** **Behzad Nili,** Executive Nano Drug Delivery, USA
10:35 - 11:15	**Title: Medical Devices as Tools for drug delivery: Challenges and opportunities** **Syed H Askari,** Maculus Therapeutix, USA

Sessions on: Nanotechnology in Drug Delivery

11:30 - 11.45	**Title: Significance of Structure Elucidation of Protein At The Interface In Designing Polymer Nanoparticle Mediated Protein Delivery System** **Vaishnavi Parikh,** Genus Lifesciences Inc., USA
11.45-12.00	**Title: Topical drug delivery and nanotoxicity as revealed by advanced fluorescence microscopy** **Ulrike Alexiev,** Freie University at Berlin, Germany
12.00-12.15	**Title: Formulation of non-ionic surfactant vesicles (NISV) prepared by microfluidics for therapeutic delivery of siRNA into cancer cells** **Mohammad Ali Obeid,** Faculty of pharmacy, Yarmouk University, Irbid-Jordan
12.15-12.30	**Title: Nanoparticles Drug Formulation: Paclitaxel Protein Bound Particles for Injectable Suspension** **Surendra Kumar Jain,** SAGAR INSTITUTE OF RESEARCH AND TECHNOLOGY – PHARMACY, BHOPAL, India
12.30-12-45	**Title: Lipid-Chitosan Hybrid Nanoparticles for Controlled Delivery of Cisplatin** **Muhammad Muzamil Khan,** Northeastern University, Boston, MA 02215, USA
12:45-13.00	**Title: Inhalable particulate drug delivery systems for lung cancer therapy: Nanoparticles, microparticles, nanocomposites and nanoaggregates** **Hiba Mahmoud,** Al Noor Dental and Orthodontics Center, UAE

Lunch Break 13:00- 14.00

Sessions on: Pharmaceutical Formulations | Pharmaceutical Sciences

14:00 - 14:30	**Title: Rationally designed lapatinib nanocrystals with improved anti-proliferative potential** **Manu Sharma,** Banasthali Vidyapith, Banasthali, India
14:30 - 15:00	**Title: Strategy of targeted pharmacological regulation of intracellular signal transduction in regenerative-competent cells - a new direction of therapy in regenerative medicine** **Gleb N. Zyuz`kov,** professor of RAS, Goldberg Research Institute of Pharmacology and Regenerative Medicine, Tomsk National Research Medical Center, Russian Academy of Sciences, Tomsk, Russia
15:00 - 15:30	**Title: Enhanced Tumor Toxicity and Reduced Off-target Toxicity by Pretargeting with Bispecific Antibody Complexes and Dual Polymer-Pro- Drug Conjugates** **Paritosh Pande,** Mohammed M. AbouGhaly, PhD

15:30 -16:30 **Title: Novel Ionizable Cationic Lipid Nanoparticle Delivery System for potential RNA-based biopharmaceuticals**

Hyejeong Kim, Enhancedbio Inc., 19 Sangwon-gil, Seongdong-gu, Seoul 04779, South Korea

Please note that this is a Tentative Program. Timings in this program may subject to change.

For Speaker opportunities mail us at: drugdelivery@pulsusgathering.com

