PULSUS

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Scientific Program



July
02- 03, 2018
New Orleans, USA

World Drug Delivery and Formulation Summit

&

World Congress on Advances in Analytical and Bioanalytical Techniques

Pulsus Group

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Day 1 : July 02, 2018

Hall

08:30 - 09:30 | Registrations

09:30 - 09:55 | Opening Ceremony

Keynote Forum

09:55 - 10:00 Introduction

10:00 - 10:40 | Title: Drug delivery by nanoparticles

Juergen Lademann, Center of Experimental and Applied Cutaneous Physiology, Germany

10:40 - 11:20 | Title: The development and commercialisation of sustained release ocular drug delivery systems

Michael J O Rourke, Scotia Vision Consultants, USA

Refreshments and Networking Break 11:20 - 11:40

Session Introduction : Targeted Drug Delivery, Vaccine Drug Delivery

11:40 - 12:05 | Title: Lipophilic vaccine delivery systems

Istvan Toth, The University of Queensland, Australia

12:05 - 12:30 | Title: Inflamed site-specific drug delivery system using human serum albumin nanoparticles

Yasunori Iwao, University of Shizuoka, Japan

12:30 - 13:00 | Title:Real-time potentiometric sensor; an innovative tool for monitoring hydrolysis of chemo/bio-degradable drugs in pharmaceutical sciences

Ahmed Ma'mun, Cairo University, Egypt

Lunch Break 13:00 - 14:00

Session Introduction : Analytical & Bio analytical Techniques, Novel Drug Delivery Systems

14:00 - 14:25 | Title: Polyacrylate-based vaccine delivery system

Mariusz Skwarczynski, The University of Queensland, Australia

14:25 - 14:50 | Title: Topical Drug Delivery into Skin by Polymer Nanocarriers

Eckart Ruehl, Freie Universität Berlin, Germany

14:50 - 15:15 | Title: Melanin functionalized protein nanofibers: A bio-inspired platform for drug release

GozdeKabay, TOBB University of Economics and Technology, Turkey

Refreshments and Networking Break 15:15 - 15:35

Session Introduction : Chemical Analysis, Drug Formulations

15:35 - 16:00 | **Title: Discovery of a synthetic method to form 2,2'-bis(naphthoquinone) compounds**

Jayalakshmi Sridhar, Xavier University of Louisiana, USA

16:00 - 16:25 | **Title: Effect of granulation and tableting process parameters on microbial bio-burden in tablets containing plant based ingredients: A case study**

Rohit P. Dugar, Nutrilite Health Institute, USA

16:25 - 16:50 | **Title: Significance of structure elucidation of protein at the interface in designing polymer nanoparticle mediated protein delivery system**

Vaishnavi Shah, Genus Lifesciences Inc. Pennsylvania

B2B Meetings & Networking

Day 2: July 03, 2018

Hall

Keynote Forum

09:55 - 10:00 Introduction

10:00 - 10:40 | **Title: Development and characterization of sterile nanoparticulate suspensions**

Robert Lee, Particle Sciences, USA

10:40 - 11:20 | **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, Nano Drug Delivery, USA

Refreshments and Networking Break 11:20 - 11:40

Session Introduction : Developments in Drug Delivery

11:40 - 12:05 | **Title: Targeted drug delivery -nanoantibiotics for targeted antibiotic delivery for bacteria**

Surangi Jayawardena, The University of Alabama in Huntsville, USA

12:05 - 12:30 | **Title: TBA**

Syed Askari, Maculus Therapeutix, USA

12:30 - 12:55 | **Title: Preparation of nano-EGCG loaded in situ gel for significantly enhancement of stability and long-term delivery**

Shufang Nie, Nutrilite Health Institute, USA

Lunch Break 13:00 - 14:00

14:00 - 14:25 | **Title: The comparison of different gel composition and staining agents for gel electrophoresis of fluorescent protein**

Elif Tugce Aksun Tumerkan, University of Exeter, UK

Young Research Forum

14:25 - 14:45 | **Title: A modern approach towards Anabolic Androgenic Screening in Athletes**

Ahmad abuhasna, University of Jordan, Jordan

14:45 - 15:05 | **Title: Influence of formulation and lyophilization process variations on protein aggregation and chemical degradation: Impact of Scale Up**

Paritosh Pande, University of Connecticut, USA

Refreshments and Networking Break 15:05 - 15:30

Poster Presentation

Title: Expression profiling of 84 circulating miRNAs in Egyptian colorectal cancer patients

Noha G Bader El Din, National Research Centre, Egypt

Title: Encapsulation of antibacterial furosemide-silver complex into chitosan nanoparticles

Julian Franco, University of Texas, USA

Award and Closing Ceremony

B2B Meetings & Panel Discussions

