7th International Conference on Clinical Trials & 12th World CADD & Drug Delivery Summit

September 24-26, 2018 | Chicago, USA
Day 1  September 24, 2018

Conference Hall: Superior Ballroom B

Registrations
08:30-08:55 Opening Ceremony

Keynote Forum

08:55-09:00  Introduction
09:00-09:30  Title: Amyloid hypothesis and drug development for Alzheimer’s disorder: A critical review
               Oleg V Tcheremissine, Atrium Health, USA
09:30-10:00  Title: Multivalent polymer conjugate inhibits aggregation of β amyloid and disassembles amyloid fibrils – potential for a polymer therapeutic
               Edwin G Moore, University of Illinois, Urbana
10:00-10:30  Title: Development and commercialization of oral peptide and protein therapeutics: Trends and perspectives
               Panayiotis P Constantinides, Biopharmaceutical & Drug Delivery Consulting LLC, USA

Group Photo & Panel Discussion 10:30-10:40

Networking and Refreshment Break 10:40-11:00 @ Foyer

11:00-11:30  Title: Solutions for collaborative drug discovery – Connecting researchers globally
               Luke S Fisher, Collaborative Drug Discovery, Inc., USA
11:30-12:00  Title: Activating endocytosis for enhancing cellular delivery and modifying intracellular targeting of therapeutics
               Arwyn T Jones, Cardiff University, UK
12:00-12:30  Title: Pursuit of oral insulin is a reality: Is it simply a matter of when?
               Prakash V Diwan, National Institute of Pharmaceutical Education and Research, India
12:30-13:00  Title: Minority populations in clinical trials
               Rodney Villanueva & Oleg V Tcheremissine, Atrium Health, USA

Panel Discussion

Lunch Break 13:00-14:00 @ Michigan

Workshop

14:00-14:45  Title: Planning and submitting clinical trial applications to Ex US countries
               Siddhartha Chowdhury, Northeastern University, USA

Sessions:
Drug Discovery and Development | Patient-Centric Clinical Trials | Polymer–Peptide Conjugates | Medicinal Chemistry and Drug Discovery | Drug Delivery Systems | Patient-Centric Clinical Trials | Globalization of Clinical Trials

Session Chair: Edwin G Moore, University of Illinois, Urbana
Session Chair: Panayiotis P Constantinides, Biopharmaceutical & Drug Delivery Consulting LLC, USA

Session Introduction

14:45-15:05  Title: Implementing strategic financial management for clinical research
               Brandon Furr, Atrium Health, USA
15:05-15:25  Title: Total syntheses and their biological evaluation of poison-frog alkaloids ent-cis-195A and cis-211A
               Naoki Toyooka, University of Toyama, Japan

Panel Discussion

Networking and Refreshment Break 15:25-15:45 @ Foyer

15:45-16:05  Title: Magnetic nanoparticles: Application as RF hyperthermia therapy & contrast agent in magnetic resonance imaging
               Bijoy K Kuanr, Jawaharlal Nehru University, India
16:05-16:25  Title: The power of theory in developing the design of targeted nanoparticles
               Ebtisam A Aldaais, Imam Abdulrahman Bin Faisal University, Saudi Arabia
Title: Designing of inhibitors for cancer phenotype: An experimental and computational approach
Navaneetha Nambigari, Osmania University, India

Title: Development of small-molecule antagonists for PAC1 receptor aimed at drug discovery of novel analgesics
Takuya Okada, University of Toyama, Japan

Panel Discussion
Networking & Business to Business Meeting 17:05-17:30

Day 2 September 25, 2018
Conference Hall: Superior Ballroom B

Keynote Forum

08:55-09:00 Introduction

09:00-09:30 Title: The dog story: A patient’s perspective on research and healthcare
Matt Cavallo, Patient Activation Network, USA

09:30-10:00 Title: SBDD of MDM2 and β-secretase inhibitors using FMO and machine learning
Tatsuya Takagi, Osaka University, Japan

10:00-10:30 Title: Modeling and simulation bring deep understandings of device drug delivery to improve patient experience
Guiyong (Nick) Song, The University of Missouri, USA

Group Photo 10:30-10:40

Networking and Refreshment Break 10:40-11:00 @ Foyer

11:00-11:30 Title: Self administrative drug delivery devices made with plastics material – market potential, customer discovery, challenges, manufacturing, and business model
Rahul R Panchal, Leonine Technologies Inc., USA

11:30-12:00 Title: Wonders and worries of nanotechnology in health care
Prakash V Diwan, Central Research Laboratory India

12:00-12:30 Title: Simple is better in nanomedicine
Vinod Labhasetwar, Lerner Research Institute, USA

Panel Discussion
Lunch Break 12:30-13:30 @ Michigan

Sessions: Clinical Research & Clinical Trials | Computer Aided Drug Designing | Drug Delivery Systems | Nanotechnology in Drug Delivery | Clinical Trial Forecasting, Budgeting and Contracting | Drug Discovery and Development | Patient-Centric Clinical Trials | Clinical Trial Site Selection and Management | Pharmaceutical Nanotechnology | Drug Delivery Technology

Session Chair: Arwyn T Jones, Cardiff University, UK
Session Co-chair: Tatsuya Takagi, Osaka University, Japan

Session Introduction

13:30-13:50 Title: Metformin prevents high glucose induced disruption of coronary artery endothelial barrier function and accelerates wound healing
Mohammad Tauseef, Chicago State University, USA

13:50-14:10 Title: Drug discovery research in academia
Rama Mishra, Northern Western University, USA

14:10-14:30 Title: Computer analysis of the heterogeneous surfaces using the unique fast multivariant numerical procedure with the new clustering based models
Miroslaw Kwiatkowski, AGH University of Science and Technology, Poland

14:30-14:50 Title: Ruthenium (II) polypyridyl complexes: Investigation of DNA binding study and antiproliferative activity
Navaneetha Nambigari, Osmania University, India
**Title:** Photodynamic mediated anticancer therapy using temoporfin (mthpc) loaded liposomes  
**Sajid Ali,** Philipps University Marburg, Germany

**Title:** Tribology in phantom pain in upper limb amputees  
**Sedegheh Malek Mohammadi,** Orthotics and Prosthetics Research Clinic, Iran

**Panel Discussion**

**Networking and Refreshment Break 15:30-15:50 @ Foyer**

**Title:** Formulation and evaluation of mouth dissolving tablet of donepezil with super disintegrants  
**Rubina Fatima,** MRM Collage of Pharmacy, India

**Title:** A comparative study of crude extracts from some medicinal plants against malaria pathogens with chloroquine drug  
**Ochieng O Anthony,** Sumait University, Zanzibar

**Poster Presentations 16:30-17:30**

**Poster 01**  
**Title:** Assessing the acceptability of N-of-1 trials/tests and their implementation: Getting ready for piloting N-of-1 trials in ethiopia  
**Chalachew Alemayehu,** University of Queensland, Australia

**Poster 02**  
**Title:** Enhanced inner ear drug delivery assisted by ultrasound-aided microbubbles  
**Chih-Hung Wang,** National Defense Medical Center, Taiwan

**Poster 03**  
**Title:** Study start up for a global phase III study: A case study on a global multicenter Phase III CNS studies  
**Siddhartha Chowdhury,** Northeastern University, USA

**Poster 04**  
**Title:** Overview of bioequivalence study methods with pharmacokinetics endpoint for topical ophthalmic corticosteroid suspensions (ocs)  
**Yoriko Harigaya,** University at Buffalo, USA

**Poster 05**  
**Title:** Innovative approaches for secure, modern collaborative drug discovery  
**Luke S Fisher,** Collaborative Drug Discovery, Inc., USA

**Poster 06**  
**Title:** A new perspective for possible formulation and characterization of Beta-Cyclodextrin/Poly(ethylene glycol) crystalline inclusion complexes  
**Amal Abdulrahman,** Clark Atlanta University, USA

**Panel Discussion**

**Networking & Business to Business Meeting 17:30-17:45**

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**Day 3**  
**September 26, 2018**

**Conference Hall:** **Superior Ballroom B**

**Keynote Forum**

**09:30-10:00**  
**Title:** Biophysics of cell membrane lipids in cancer drug resistance: Drug transport and drug delivery with nanoparticles  
**Vinod Labhasetwar,** Lerner Research Institute, USA

**Exhibitors Session 10:00-10:50**

**Panel Discussion**

**Networking and Refreshment Break 10:50-11:10 @ Foyer**

**Sessions:** Clinical Trial Forecasting, Budgeting and Contracting | Novel Drug Delivery Systems | Drug Delivery Technology | Pharmaceutical Nanotechnology

**Session Chair:** **Prakash V Diwan,** National Institute of Pharmaceutical Education and Research, India

**Session Introduction**

**11:10-11:30**  
**Title:** Advance microneedles integrated transdermal patch for fast onset of Ivermectin  
**Rubina Fatima,** MRM Collage of Pharmacy, India

**Title:** Lipid coated mesoporous silica nanoparticles for enhanced delivery and cellular uptake of doxorubicin  
**Muhammad Umair Amin,** Philipps University Marburg, Germany
Title: A comparison of quality of prescriptions at primary, secondary and tertiary health care facilities using prescription quality index tool
Jalpa V Suthara, Charotar University of Science and Technology, India

Title: Fair market value and grant plan: Tool for negotiating clinical trial site budgets
Siddhartha Chowdhury, Northeastern University, USA

Title: Endoscopy assisted laparoscopic resection of benign colonic polyps; a retrospective study on safe approach to complete removal
Saad Ikram, Scunthorpe General Hospital, United Kingdom

Panel Discussions

Lunch Break- 12:50-13:50 @ Ontario

Title: Active metabolites of the marine strain *Streptomyces sundarbansensis* with highest and selective antibacterial activity against MRSA
Mouloud Kecha, University of Bejaia, Algeria

Title: Endoscopy assisted laparoscopic resection of benign colonic polyps; a retrospective study on safe approach to complete removal
Saad Ikram, Scunthorpe General Hospital, United Kingdom

Video Presentation

Title: Transdermal Delivery of Pravastatin Loaded Microemulsion Based, Drug Delivery System Developed By Central Composite Design
Anjali Devi Nippani, Kakatiya University, India

Panel Discussions

Networking & Business to Business Meeting 14:50-15:20 @ Foyer

Awards & Closing Ceremony