

7TH INTERNATIONAL CONFERENCE ON **Clinical Trials**
&
12TH World CADD & Drug Delivery Summit

September 24-26, 2018 | Chicago, USA



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

- 16:25-16:45** **Title: Designing of inhibitors for cancer phenotype: An experimental and computational approach**
Navaneetha Nambigari, Osmania University, India
- 16:45-17:05** **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 nano technology in health care**
Prakash V Diwan, Central Research Laboratory India
- 12:00-12:30** **Title: Simple is better in nanomedicine**
Vinod Labhassetwar, 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

14:50-15:10 **Title: Photodynamic mediated anticancer therapy using temoporfin (mthpc) loaded liposomes**

Sajid Ali, Philipps University Marburg, Germany

15:10-15:30 **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

15:50-16:10 **Title: Formulation and evaluation of mouth dissolving tablet of donepezil with super disintegrants**

Rubina Fatima, MRM Collage of Pharmacy, India

16:10-16:30 **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: Bioassay protocols: Semantic annotation to enable informatics**

Luke S Fisher, Collaborative Drug Discovery, Inc., USA

Poster 06 **Title: Innovative approaches for secure, modern collaborative drug discovery**

Luke S Fisher, Collaborative Drug Discovery, Inc., USA

Poster 07 **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

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 Labhassetwar, 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

11:30-11:50 **Title: Lipid coated mesoporous silica nanoparticles for enhanced delivery and cellular uptake of doxorubicin**

Muhammad Umair Amin, Philipps University Marburg, Germany

- 11:50-12:10** **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
- 12:10-12:30** **Title: Fair market value and grant plan: Tool for negotiating clinical trial site budgets**
Siddhartha Chowdhury, Northeastern University, USA
- 12:30-12:50** **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

- 13:50-14:10** **Title: Active metabolites of the marine strain *Streptomyces sundarbansensis* with highest and selective antibacterial activity against MRSA**
Mouloud Kecha, University of Bejaia, Algeria
- 14:10-14:30** **Title:**
Aala Ali Abdulrahim, University of Khartoum, Sudan

Video Presentation

- 14:30-14:50** **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 Cermony

