

7<sup>TH</sup> INTERNATIONAL CONFERENCE ON **Clinical Trials**  
&  
**12<sup>TH</sup> 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  $\beta$  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  $\beta$ -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**  
Mirosław 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**

