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

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:55-09:00</td>
<td>Introduction</td>
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| 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**

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| 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 |

### Lunch Break 13:00-14:00 @ Michigan

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| 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

### 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

### 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 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  
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
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

15:50-16:10
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

Title: 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: Bioassay protocols: Semantic annotation to enable informatics
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

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 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

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

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

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

Panel Discussions

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

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Panel Discussions

Minor modifications to the layout and formatting of the text are included for improved readability.