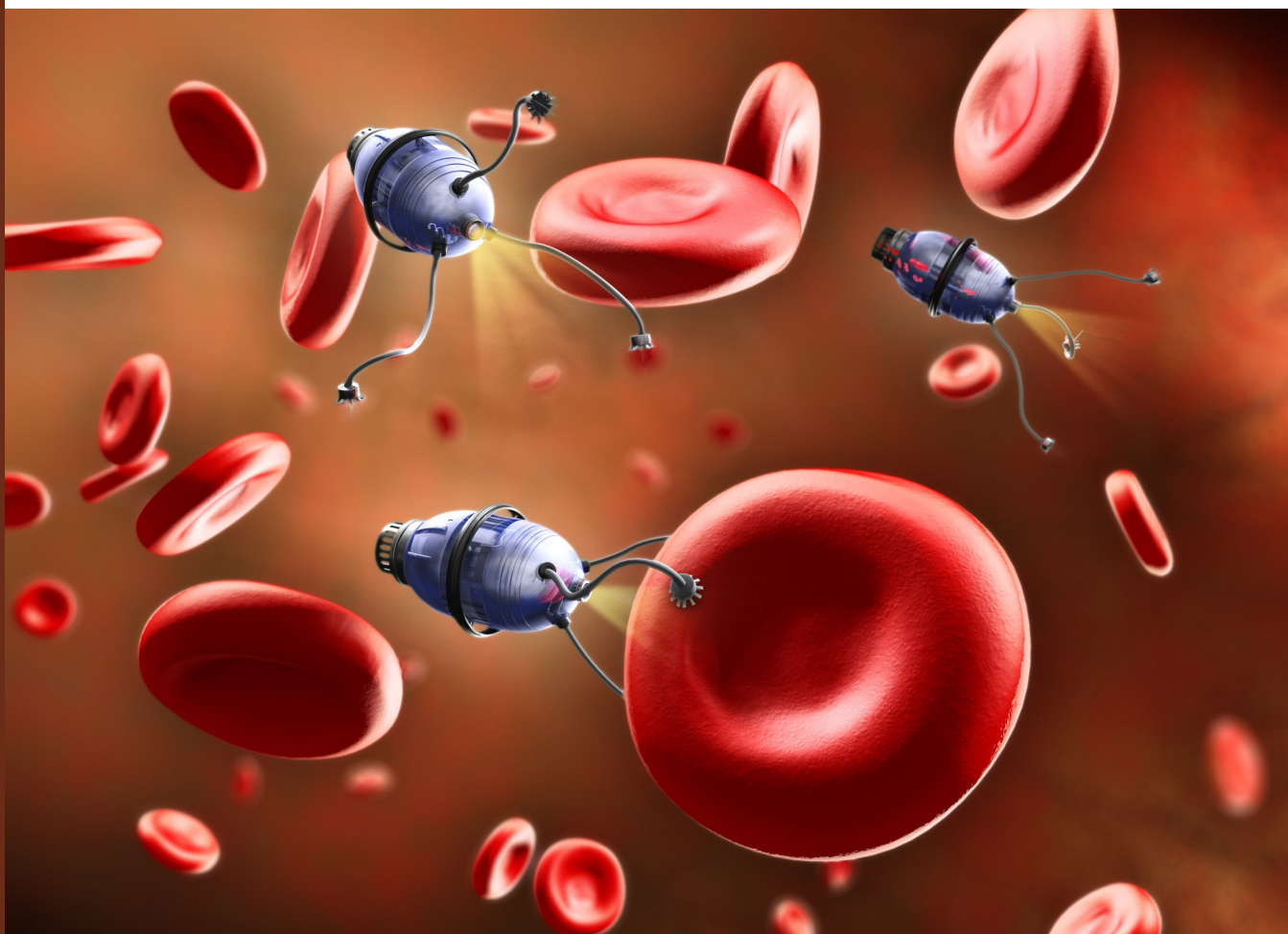


11TH WORLD DRUG DELIVERY SUMMIT

October 16-18, 2017 Baltimore, USA

Exhibitor



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA P: +1-702-508-5200, F: +1-650-618-1417

Conference Series - UK

Kemp House, 152 City Road, London EC1V 2NX Toll Free: +1-800-216-6499

conference**series**.com 10:00-10:20

Opening Ceremony

Keynote Forum

10:20-10:30 Introduction

10:30-11:00 **Title: Conjugates of γ -carbolines and phenothiazine as new multitarget inhibitors of butyrylcholinesterase and blockers of NMDA receptors for Alzheimer disease**
Gjumrakch Aliev, GALLY International Biomedical Research Consulting LLC., USA

11:00-11:30 **Title: Nanomaterials in regenerative medicine and cancer therapy**
Esmail Jabbari, University of South Carolina, USA

Group Photo

Panel Discussion

Networking & Refreshment Break 11:30-11:45 @ Alcove1

11:45-12:15 **Title: Lipid nanoparticles for delivery of therapeutic oligonucleotides**
Robert J Lee, The Ohio State University, USA

12:15-12:45 **Title: Challenges in evaluation of nanomedicine pharmacokinetics and generic bioequivalence**
Stephan Stern, Nanotechnology Characterization Lab, USA

Sessions:

Smart Drug Delivery Systems | Pharmaceutical Nanotechnology | Drug Delivery Technology | Drug Targeting and Design | Major Challenges in Drug Delivery | Recent Advances in Drug Delivery

Session Chair: Esmail Jabbari, University of South Carolina, USA

Session Co-Chair: Qing Li, MedImmune, USA

Session Introduction

12:45-13:05 **Title: Immunological properties of nanotechnology-based complex drug formulations and challenges in their preclinical characterization**
Marina A Dobrovol'skaia, Nanotechnology Characterization Lab, USA

Panel Discussion

Lunch Break 13:05-13:55 @ Atrium Upper

13:55-14:15 **Title: Understanding the impact of PEGylation on pharmacokinetic and biophysical properties of PEGylated diabody**
Qing Li, MedImmune, USA

14:15-14:35 **Title: Myocardial drug distribution following epicardial drug delivery: Potential impact of cardiac capillary perfusion in a swine model**
Maslov M Y, Tufts University School of Medicine, USA

14:35-14:55 **Title: Bioavailability enhancement using submicron particles**
Maura Murphy, iCeutica Operations LLC, USA

14:55-15:15 **Title: Future of biomarkers in drugs, biologics, and device development: A US FDA initiative**
Nina Mezu-Nwaba, United States Food and Drug Administration, USA

15:15-15:35 **Title: The oral bioavailability behavior of AuNPs conjugated with Chitosan**
Ahmed Alalaiwe, Prince Sattam Bin Abdulaziz University, Saudi Arabia

15:35-15:55 **Title: Investigation of BBN-HPMA conjugates for targeting Gastrin Releasing-Peptide (GRPR) Receptor**
Sameer Alshehri, University of Nebraska Medical Center, USA

15:55-16:15 **Title: Cyclic thiosulfonates "click" couple with dithiols, enabling *in vivo* pharmacological chaperones, an alternative to di-ene-mediated crosslinking, and cargo transport across the cell membrane**
Jeffrey N Agar, Northeastern University, USA

Panel Discussion

Networking & Refreshment Break 16:15-16:30 @ Alcove1

Keynote Forum

- 10:00-10:30** **Title: Delivery of peptides by non-invasive routes: Focus on successful oral technologies progressing in the clinic and future challenges**
Joël Richard, IPSEN, France
- 10:30-11:00** **Title: Peptide PEGylation strategies for drug development**
Kang Choon Lee, SungKyunKwan University, South Korea

Panel Discussion

Networking & Refreshment Break 11:00-11:15 @ Alcove1

- 11:15-11:45** **Title: What is happening in GI tract? – Recent progress in formulation technologies for oral delivery of poorly soluble drugs**
Kohsaku Kawakami, National Institute for Materials Science, Japan
- 11:45-12:15** **Title: Lipid nanocapsules: A new platform for oral drug delivery system**
Emilie Roger, Université d'Angers, France

Sessions:

Routes of Drug Administration | Novel Drug Delivery Systems | Peptide and Protein Drug Delivery | Drug Targeting and Design | Nucleic Acid Based Drug Delivery

Session Chair: Robert J Lee, The Ohio State University, USA

Session Co-Chair: L A Avila, Auburn University, USA

Session Introduction

- 12:15-12:35** **Title: Nature-inspired multilayered capsules based on stimuli-responsive polymers: A new design for the multi-step release of drugs**
Srinivasa R Raghavan, University of Maryland, USA
- 12:35-12:55** **Title: Delivery of lethal dsRNAs in insect diets by branched amphiphilic peptide capsules**
L A Avila, Auburn University, USA
- 12:55-13:15** **Title: CCK-B targeted PEG-poly (L-Lysine) polyplex micelle for the effective delivery of gastrin siRNA to the pancreatic cancer**
Abdullah Mahmud, Nanotechnology Characterization Lab, USA

Lunch Break 13:15-14:05 @ Atrium Upper

- 14:05-14:25** **Title: Physicochemical properties and *in vitro* cytotoxicity evaluation of polymer-drug conjugates for combination therapy**
Blessing Aderibigbe, University of Fort Hare, South Africa

Panel Discussion

- 14:25-14:45** **Title: Multiparticulate drug delivery systems for Parkinson's disease**
Emilia Barcia, Universidad Complutense, Spain
- 14:45-15:05** **Title: Ocular and plasmic dexamethasone distribution following controllable continuous sub-tenon drug delivery in rabbit**
Ding Lin, Central South University, China
- 15:05-15:25** **Title: Study of delayed-release of carboxyfluorescein from liposome-loaded chitosan physical hydrogels**
Soline PEERS, Ingénierie des Matériaux Polymères, France
- 15:25-15:45** **Title: A new methodology in drug delivery**
Mehran Ghiaci, Isfahan University of Technology, Iran
- 15:45-16:05** **Title: Stability-indicating HPTLC method for simultaneous determination of Ketoprofen, methyl paraben and propyl paraben in gel formulation**
Pallavi Mangesh Patil, P.E. Society's Modern College of Pharmacy, India

Panel Discussion

Networking & Refreshment Break 16:05-16:15 @ Alcove1

- FR 01 **Title: Pharmacokinetics of a doxorubicin loaded porphyrin-phospholipid liposome in wistar rats**
Sarah Skoczen, Nanotechnology Characterization Lab, USA
- FR 02 **Title: Controlled-release macromolecular prodrug platform for targeting scavenger receptor A1**
David Stevens, Nanotechnology Characterization Lab, USA
- FR 03 **Title: Study co-aggregations of nucleic acid nanostructures with tetracycline molecules and their potential applications in smart drug delivery**
Nouf Alzahrani, Rutgers University, USA
- FR 04 **Title: Formulation of a natural Intraoral Dispersible Film (IDF) for intraoral delivery of various natural drugs using edible rice paper film as the carrier vehicle**
Mukasa Eliphaz, University of the Witwatersrand, South Africa
- FR 05 **Title: Controllable continuous sub-tenon drug delivery of dexamethasone disodium phosphate to ocular posterior segment in rabbit**
Xuetao Huang, Central South University, China
- FR 06 **Title: Nitric oxide-releasing self-assembled nanoparticles as a chemo sensitizing agent for improved anticancer activity**
Kyung Hyun Min, Kyung Hee University, Republic of Korea
- FR 07 **Title: The comparison of the effect of experimental Staphylococcus aureus endophthalmitis of different CFU counting**
Yi-qin Duan, Central South University, China
- FR 08 **Title: Application of one and two dimensional NMR techniques in drug delivery experiments**
Koppány Kovács, University of Debrecen, Hungary
- FR 09 **Title: Targeting of therapeutic agents to the brain based on liposomes: A new method to control and improve the symptoms of Parkinson's disease**
Meygal Kahana, Rappaport Faculty of Medicine, Israel
- FR-10 **Title: The effect of dyes on the interaction of HSA with monoclonal antibody**
Sándor Viski, University of Debrecen, Hungary
- FR 11 **Title: Current regulatory trends and applicability of biomarkers in drugs, biologics and devices: A US FDA Outlook**
Nina Mezu-Nwaba, United States Food and Drug Administration, USA

Thanks Giving & Closing Ceremony

Panel Discussion

Lunch Break 12:00-13:00 @ Atrium Upper

