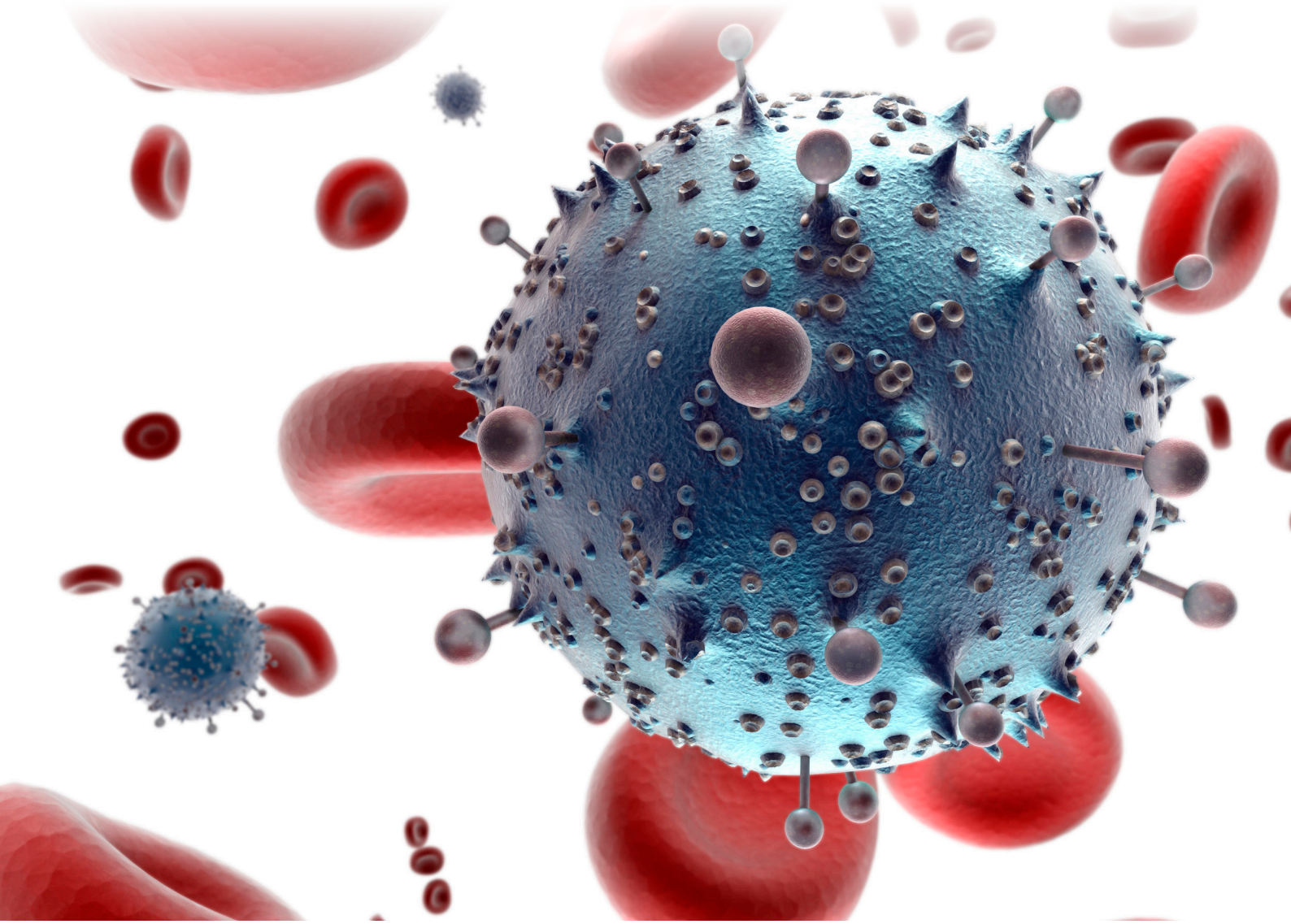
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Scientific Program

13th International Conference and Exhibition on

NANOMEDICINE AND PHARMACEUTICAL NANOTECHNOLOGY

July 24-25, 2017 Rome, Italy



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
www.nanotechnology.pharmaceuticalconferences.com

Day 1 July 24,2017

09:00-09:30 Registrations

Conference Hall

conferenceseries.com 09:30-10:00 **Opening Ceremony**

Keynote Forum

Introduction

Title: Hydrogen bonding enhances stability of HK Nanoplexes

A.J. Mixson, University of Maryland School of Medicine, USA

Title: Polyelectrolyte coated liposome delivery systems against group A streptococcus (GAS) infection

Istvan Toth, The University of Queensland, Australia

Networking & Refreshment Break

Title: The prospects of applications of nonlinear stimulation techniques to recover and improve the dynamics of brain activity and performance in neurological disorders and after the influence of stress factors

Marina V. Zueva, Moscow Helmholtz Research Institute of Eye Diseases, Russia

Sessions:

Nanomedicines and Biomedical Applications | Pharmaceutical Nanotechnology | Nanomedicine and Drug Delivery | Nano Pharmaceuticals | Novel Drug Delivery Technology | Nanotechnology for Targeted Drug Delivery | Nanotechnology for Pediatric Medicine

Session chair: Yet to Confirm

Session Co-Chair: Yet to Confirm

Session Introduction

Title: The RALA Delivery Platform: Altering the biodistribution of nucleic acids in vivo

Helen O McCarthy, Queen's University Belfast, UK

Title: Multifunctional magnetic nanocarriers of anticancer drugs

Konstantinos Avgoustakis, University of Patras, Greece

Title: Self-emulsifying drug delivery systems for increased availability of resveratrol and enhanced anti-oxidant activity

Christine Charrueau, Université Paris Descartes, France

Title: A physicochemical study on the preservation of nanoparticles

Seitaro Kamiya, Nagasaki international university, Japan

Title: Bio-inspired, microchanneled materials prepared by crystallization of solvents

Jonghwi Lee, Chung-Ang University, Korea (South)

Title: Silver Compounds and Nanorattles: Triggered Drug Delivery and Prevention of Implant Infections

Katharina M. Fromm, University of Fribourg, Switzerland

Title: Nanolipidic Carriers Containing Curcumin: Preparation and Physicochemical Characterization

Sophia Hatziantoniou, University of Patras, Greece

Title: Why ethical safeguards matter in medical nanotechnology: Prospects and problems in the delivery of nanomedicine via microsurgical interventions

Tista Bagchi, University of Delhi, India

Title: The use of Styrene Maleic Acid (SMA) Nanonmicelles for effective oral delivery of bioactive therapeutics

Khaled Greish, Arabian Gulf University, Bahrain

Title: Curcumin-loaded nanoparticles used for breast cancer treatment

Ismaeil Haririan, TUMS, Iran

Lunch Break

Title: Microfluidizer® high-shear technology for manufacturing pharmaceutical drug delivery nanoparticles: From development to Production
Yang Su, Microfluidics Inc., USA
Title: A Generic 89Zr Labeling Method to Quantify the In Vivo Pharmacokinetics of Liposomal Nanoparticles and Personalize their Dose Titration with PET
Ran Yan, King's College London, UK
Title: Nanobiomechanics of biological cells for biomedical applications
Isaac Kuo-Kang Liu, Warwick University, UK
Title: New Biocompatible Nanoparticles: multistep chemical modifications and biological applications
Gerardo Byk, Bar Ilan University, Israel
Title: How the biological performance of TAT-modified liposome is affected by its associated protein corona and liposome avidity to tumor cells
Mohamadreza Amin, Erasmus MC, Netherlands
Title: Safety of intravenous injection of 50nm Gold Nanorods (GNRS) in dogs
Ahmed S. S. Abdoon, National Research Center, Egypt

Panel Discussion

Day 2 July 25, 2017

Conference Hall

Keynote Forum

Title: Pharmaceutical development of injectable nanomedicine targeting breast cancer
Igor Chourpa, Université F. Rabelais de Tours, France
Title: Drug delivery system targeting advanced hepatocellular carcinoma
Hong Qi Zhang, Hong Kong Baptist University, China

Sessions:

Nanotechnology in Preclinical and Clinical Development | Regulatory Guidance for Pharmaceutical Nanotechnology | Future Aspects of Pharmaceutical Nanotechnology | Recent Advances in Nanotechnology | Major Challenges in Nanotechnology | Pharmaceutical Companies and Markets | Business Opportunities in Nanotechnology

Session Chair: Yet to Confirm
Session Co-Chair: Yet to Confirm

Session Introduction

Title: Application of Nano-emulsion in Drug Delivery of Poorly Water-Soluble Drugs
Jim Jingjun Huang, Ascendia Pharmaceuticals, USA
Title: Green synthesis of gold nanoparticles from South African plant extracts for the treatment of skin infection wounds
Abdulrahman M. Elbagory, University of the Western Cape, South Africa
Title: Ultrasonic energy as effective tool to improve the production methods of lipid and polymeric drug delivery systems
Annalisa Dalmoro, University of Salerno, Italy

Lunch Break

Title: Targeted drug delivery with dual-ligand decorated liposomes by anti-CA IX antibody and tumor homing cell penetrating peptide in 2D and 3D lung cancer cells
Congcong Lin, Hong Kong Baptist University, China
Title: Polymeric micro- and nanocarriers for the treatment of biofilm-associated infections in cystic fibrosis
Julia Ernst, Friedrich Schiller University Jena, Germany
Title: Development of multifunctional gold nanoparticles for selective induction of apoptosis in target cells
Nicole RS Sibuyi, University of Western cape (UWC), South Africa

Title: A responsive thiolated polysaccharide multilayer nanocoating for tuning cell adhesion and cell detatchment

Pegah Esmaeilzadeh, Martin Luther University Halle Wittenberg, Germany

Title: Up to date advances in nano-carrier systems for oral delivery of antidiabetic peptides

R. Ismail, University of Szeged, Hungary

Networking & Refreshment Break

Title: Cancer cell specific-penetrating peptide modified liposome for targeted delivery of anticancer agent to hepatocellular carcinoma

Xue Zhang, Hong Kong Baptist University, China

Title: Dacrabazine loaded nanostructure lipid particles are used to improve the drug delivery system and for effective prolonged release

Abdul Hafeez, Glocal University, India

Speaker Slots Available

Title: Overcoming biological barriers in severe lung diseases through tailored inhalable nanoparticles nanoparticles

Francesca Ungaro, University of Napoli Federico II, Italy

Title: A novel method to incorporate maleimide functional groups and HSA peptide on polymeric nanoparticles for hepatocyte-targeted delivery of lamivudine

Dipali M.Dhoke, Rashtrasant Tukadoji Maharaj Nagpur University, India

Title: Gadolinium nanoparticles as a dual switch for genetic targeting of receptors for cancer and alzheimer's disease

Ranu Dutta, University of Allahabad, USA

Title: Develop Nanopharmaceutical Formulations to Improve Therapeutic Efficacy in vitro and in vivo

Xing-Jie Liang, National Center for Nanoscience and Technology, China

Title: Mesoporous Silica Nanoparticles: Controlled Synthesis and Biomedical Applications

Jianlin Shi, Shanghai Institute of Ceramics, China

Title: The optimal level of stress

Maria Lindau, Stockholm University, Sweden

Title: Evaluation of organogel nanoparticles as new vehicle for lipophilic compounds

Sophie Franceschi, Université Paul Sabatier, France

Title: Peptide-tagged nanocarriers for targeted delivery of cytokines to the tumor vasculature

A Corti, San Raffaele Scientific Institute, Italy

Title: Alleviation chronic cadmium stress toxicity in albino rats using some domestic plants

Emad Shaker, Minia University, Egypt

Title: Study and applications of nanocrystalline powders of pure ZnO and doped with different oxides

Kamel Guergouri, Larbi Ben M'Hidi University, Algeria

Title: Preparation and Characterization of Gemcitabine HCl Loaded Poly(□-caprolactone) Nanoparticles for Anticancer Treatment

Kivilcim Ozturk Atar, Hacettepe University, Turkey

Title: Carbon dots prepared from tea waste as theranostic platform for cancer

Sophie Franceschi, Université Paul Sabatier, France

Title: Evaluation of organogel nanoparticles as new vehicle for lipophilic compounds

Raghuram Kandimalla, Institute of Advanced Study in Science and Technology, India

Title: Lipid modified mesoporous silica nanoparticles for stem cell tracking and drug delivery

Sabine van Rijt, Maastricht University, Netherlands

Title: Targeting Phosphatidylinositol-3-Kinase Signaling with Simultaneous DNA Damage in Cancer Cells by using Cholesterol based Chimeric Nanoparticle

Sandeep Palvai, Indian Institute of Science Education and Research, India

Poster Presentations Day 2 (July 25, 2017)

Title: Development of a Middle Eastern respiratory syndrome Coronavirus nano Vaccine from Fc4 fused Spike protein (eS770)
Young Bong Kim, Konkuk University, Republic of Korea
Title: The Cisplatin-HA Nanocomplexes for Novel lymphatic Delivery System
Yuan-Chia Chang, Industrial Technology Research Institute, Taiwan
Title: Formulation and characterization of dissolvable microneedle arrays containing free and nanoencapsulated ketoprofen
Silvia Mellace, University College Cork, Cork, Ireland
Title: Preparation, Characterization and Therapeutic Effects of Pegylated Nanoniosomal Containing N-acetylcystein on Acetaminophen Induced Hepatotoxicity in Male Wistar Rats
Safoura karami, Islamic Azad University, Tehran
Title: Characterization and larvicidal activity of green-synthesized silver nanoparticles using Cracker Plant Ruellia tuberosa leaf extract
Jocelyn L Miranda, University of the Immaculate Conception, Philippines
Title: Antibacterial Activities of Crude Extract from Punica granatum Peels and Its Application
Neeranut Kuanchertchoo, Ramkhamhaeng University, Thailand
Title: Novel method to detect monosodium urate monohydrate crystals based on its interaction with peptide coated gold nanoparticles
Javier Batista Perez, University of Calgary, Canada
Title: Investigation of the Cellular Uptake of Functionalised Carbon Nanoparticles
Badriah Hifni, University College Dublin, Ireland
Title: 5TR1 aptamer-PEGylated liposomal Doxorubicin enhances cellular uptake and suppresses tumor growth by targeting the overexpressed MUC1 on the surface of cancer cells
Alia Moosavian, Mashhhad University of medical science, Iran
Title: Bendamustine-Denrimer Conjugates for the Improved Stability and Efficacy: In-vitro and in-vivo evidences
Avinash Gothwal, Central University of Rajasthan, India
Title: Antioxidant activity and Hepatoprotective effects of Centaurea incana on CCL4-induced liver toxicity in rats
Khelifi Touhami Fatima, University of Constantine, Algeria
Title: Study of the effect of nanoemulsion with curcumin associated with Photodynamic Therapy in HPV-16 E6 positive vulvar carcinoma cell lines
Marília de Freitas Calmon, São Paulo State University - UNESP, Brazil
Title: Preferential Accumulation of Gold Nanorods into Skin Hair Follicles: Effect of Nanoparticle Surface Chemistry
Nouf N Mahmoud, Alzaytoonah University of Jordan, Jordan
Title: Blood Alterations Associated with IP Injection of Platinum and Titanium Nanoparticles
Hassan Almarshad, Aljouf University, KSA
Title: Targeting liposomal doxorubicin to tumour tissues using a novel peptide
Mohammed Aldughaim, University of Sheffield, UK



