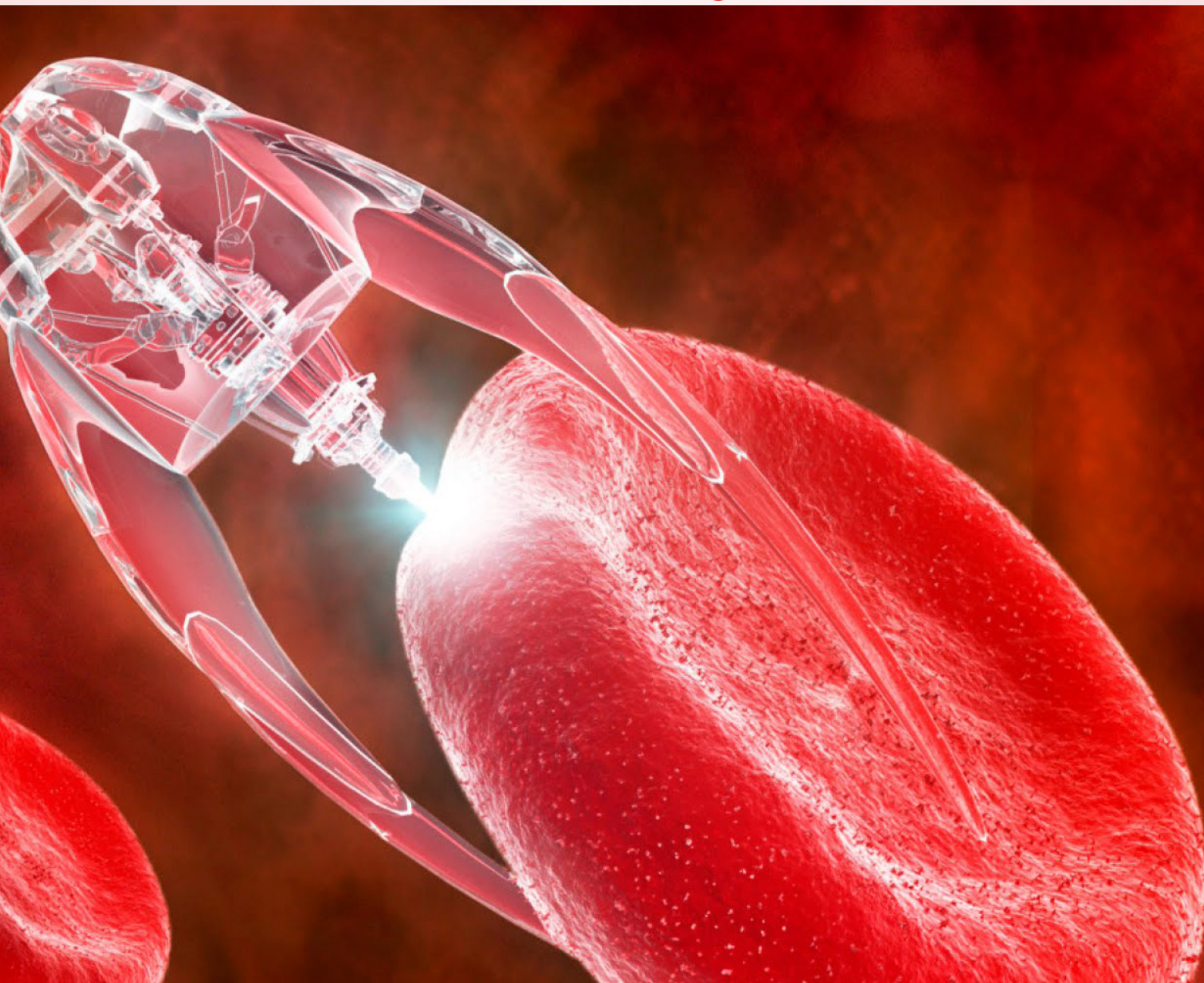


10<sup>th</sup> International Conference on

# Nanomedicine and Nanotechnology in Health Care

July 25-27, 2016 Bangkok, Thailand

## Scientific Program



**Hosting Organizations: Conference Series LLC**

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-702-508-5200 Ext: 8050, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

**Conference Series Ltd**

Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499

Email: [nanomedicine@conferenceseries.net](mailto:nanomedicine@conferenceseries.net); [nanomedicine@conferenceseries.com](mailto:nanomedicine@conferenceseries.com)

Pailin 2

conference**series.com** 09:00-09:25

# Opening Ceremony

## Keynote Forum

- 09:25-09:30 **Introduction**
- 09:30-10:10 **Title: *In-Vitro* Depth-Dependent Photo thermal Ablation of Human Adenocarcinoma by Polystyrene Stabilized Fe<sub>3</sub>O<sub>4</sub>**  
Donglu Shi, University of Cincinnati, USA
- 10:10-10:50 **Title: Design of a VLP-nanovehicle for CYP450 enzymatic activity deliveries**  
Rafael Vazquez-Duhalt, National Autonomous University of Mexico, Mexico
- Networking and Refreshment 10:50-11:10 @ Foyer**
- 11:10-11:50 **Title: Mesenchymal Stem Cells Behaviour in Nano fibrous Environment**  
George Altankov, Institute for Bioengineering of Catalonia, Spain

### Major Sessions:

**Nanomedicine and Drug Delivery | Nanomedicine and Nanotheranostics | Nanomedicine and Nanobiotechnology**

**Session Chair: Chandrashekhar V Kulkarni, University of Central Lancashire, United Kingdom**

### Session Introduction

- 11:50-12:20 **Title: Applications of Lipid Nanostructures and Hybrid Systems for Drug Delivery**  
Chandrashekhar V Kulkarni, University of Central Lancashire, United Kingdom
- 12:20-12:50 **Title: Development of temperature-sensitive PEGylated nanostructured lipid carrier for co-delivery of gemcitabine and Baicalein against A549 cell line**  
Ming-Jun Tsai, China Medical University, Taiwan
- 12:50-13:20 **Title: Superparamagnetic Iron Oxide Nanoparticles for Magnetic Hyperthermia Applications**  
Yogita Patil-Sen, University of Central Lancashire, United Kingdom

### Group Photo

**Lunch Break 13:20-14:00 @ Public Restaurant**

- 14:00-14:30 **Title: Theranostic of atherosclerosis using human antibody-targeted multi-modal nanoparticles for *in situ* drug delivery**  
Gisèle Clofent-Sanchez, Bordeaux University, France
- 14:30-15:00 **Title: *In-vitro* and *in-silico* studies on curcumin loaded chitin and chitosan nanoparticles from shrimp shells**  
Palanivel Rameshthangam, Alagappa University, India
- 15:00-15:30 **Title: Multifunctional inorganic nanoparticles (Synthesis and biological applications)**  
Rakesh Kumar Sharma, University of Delhi, India
- 15:30-16:00 **Title: Stimuli-responsive nanomaterial's in cancer therapy**  
Chen-Sheng Yeh, National Cheng-Kung University, Taiwan

**Networking and Refreshment 16:00-16:20 @ Foyer**

### Young Researcher Forum

- 16:20-16:40 **Title: Fabrication of silica-coated hollow carbon nanospheres encapsulating Fe<sub>3</sub>O<sub>4</sub> cluster for magnetically and MR imaging guided NIR light triggering hyperthermia and enhanced US imaging**  
Yun-Kai Huang, National Cheng-Kung University, Taiwan
- 16.40-17.00 **Title: The Quest to Achieving a Concerted Cancer Treatment: Challenges in Nanotheranostics Delivery**  
Yaw Opoku-Damoah, China Pharmaceutical University, China

### Panel Discussion

09:00-09:30 Desk Opens For Registrations

## Pailin 2

### Keynote Forum

09:30-10:10 **Title: Smart and Living Implant Equipped with Active therapeutics and Stem cells for Regenerative Nano Medicine**  
**Nadia Benkirane**, INSERM, France

10:10-10:50 **Title: Designing nanoparticle based immunomodulators and vaccines: the intriguing link between inflammation and immune-suppression**  
**Magdalena Plebanski**, Monash University, Australia

Networking and Refreshment 10:50-11:10 @ Foyer

11:10-11:50 **Title: Labelfree Detection of Carcinogenic Aflatoxin B1 by Electrochemical Piezoelectric Immunosensor based on Self assembled thin film**  
**Tinku Basu**, Amity University, India

### Major Sessions:

**Nanomedicine and Cancer | Nanomedicine and Nanotoxicology | Nanomedicine and Healthcare Applications  
Nanomedicine and Bioengineering**

Session Chair: **Nadia Benkirane**, INSERM, France

Session Co-Chair: **Zhi Ping Xu**, University of Queensland, Australia

Session Introduction

11:50-12:20 **Title: Cancer Treatment using Inorganic Nanoparticles**  
**Zhi Ping Xu**, University of Queensland, Australia

12:20-12:50 **Title: Toxic Evaluation of Graphene Quantum Dots with Hemorheological Measurements**  
**Hun-Kuk Park**, Kyung Hee University, Korea

12:50-13:20 **Title: Formulation of Nanocomposite drug containing fine ZnO Q-dots, and consideration of invitro cytotoxicity evaluation of mouth KB44, breast MCF7, colon HT29, and HeLa Cancer Cell Lines, and invivo mouse ear swelling tests**  
**Zahra Fakhroueian**, University of Tehran, Iran

Lunch Break 13:20-14:00 @ Public Restaurant

14:00-14:35 **Title: Project Orchid – An Open Science-Open Source technology framework for sustainable global health innovation partnerships associated with infectious and chronic disease initiatives**  
**Kimberly Harding**, Monarch Innovation Partners, USA

14:35-15:10 **Title: Investigation of the uptake and cytotoxic mechanisms of amine-modified silver nanoparticles**  
**Ying-Jan Wang**, National Cheng Kung University, Taiwan

### Young Researcher Forum

15:10-15:30 **Title: Effect of BMP-2 peptide conjugated TiO<sub>2</sub> nanoparticle on osteogenic expression through biomimetic Zein PDA nanofibrous scaffold**

**Babitha Sekar**, CSIR-Central Leather Research Institute, India

15:30-15:50 **Title: Targeted nanoparticles for multimodal molecular imaging in a mouse model of atherosclerosis**  
**Melusine Lariviere**, Bordeaux University, France

Networking and Refreshment 15:50-16:10 @ Foyer

16:10-16:30 **Title: Thyroid hormone incorporated polycaprolactone nanofibrous material as a potential wound healing therapeutic**  
**Aishwarya Satish**, CSIR-Central Leather Research Institute, India

16:30-16:50 **Title: Molybdenum nanoplates incorporated polycaprolactone nanofibers: A potential threat to skin cancer**  
**Janani Indrakumar**, CSIR-Central Leather Research Institute, India

Poster Presentations 16:50-17:30 @ Foyer

Panel Discussion

Wednesday July 27, 2016 Day 3

## Pailin 2

### Major Sessions:

**Nanomedicine and Drug Delivery | Nanomedicine | Nanomedicine and Nanobiology**

**Session Chair: Viroj Wiwanitkit, Hainan Medical University, China**

**10:00-10:30 Title: What should be concerned in nanomedicine for the developing countries**

**Viroj Wiwanitkit, Hainan Medical University, China**

**10:30-11.00 Title: Conjugates of DNA and Carbon nanotubes as nanobiosensors**

**Kazuo Umemura, Tokyo University of Science, Japan**

### Networking and Refreshment 11:00-11:20 @ Foyer

**11:20-11:50 Title: Surface modification of layered double hydroxide nanoparticles with albumin to improve colloidal stability, redispersity and cellular uptake**

**Zi Sophia Gu, The University of Queensland, Australia**

**11:50-12:20 Title: Enhanced cytotoxic effect of gold nanoparticles and Colocasia gigantea extract on A375 melanoma cell line**

**Amornpun Sereemasapun, Chulalongkorn University, Thailand**

**12.20-12.50 Title: Venom conjugated polylactide applied as biocompatible material for passive and active immunotherapy agaisnt scorpion envenomation**

**M. Elayeb, Pasteur Institute of Tunisia, Tunisia**

### Young Researcher Forum

**12:50-13:10 Title: Synthesis of nanoparticle using dextran-like exopolysaccharide extracted from thermophilic bacteria and its biological activity**

**Aparna Banerjee, The University of Burdwan, India**

### Lunch Break 13:10-14:00 @ Public Restaurant

### Closing and Vote of Thanks



**Bookmark your dates**

17<sup>th</sup> International Conference on

# Nanomedicine and Nanotechnology in Health Care

July 24-25, 2017 Melbourne, Australia

e-mail: [nanomedicine@conferenceseries.net](mailto:nanomedicine@conferenceseries.net); [nanomedicine@conferenceseries.com](mailto:nanomedicine@conferenceseries.com)

Website: [nanomedicine.conferenceseries.com](http://nanomedicine.conferenceseries.com)

#### Conference Series LLC

2360 Corporate Circle, Suite 400  
Henderson, NV 89074-7722, USA  
Ph: +1-888-843-8169  
Fax: +1-650-618-1417  
[america@conferenceseries.com](mailto:america@conferenceseries.com)

#### Conference Series Ltd.

Traian Str., No.61, Constanta 900720,  
Romania, Tel: 0805-080048  
Heathrow Stockley Park Lakeside  
House, 1 Furzeground Way, Heathrow,  
UB11 1BD, United Kingdom  
[europe@conferenceseries.com](mailto:europe@conferenceseries.com)

#### OMICS International

6<sup>th</sup> Floor, North Block, Divyasree  
Building, Raidurg Hyderabad,  
Telangana, INDIA-500032  
Tel: +91-40-33432300  
[asiapacific@conferenceseries.com](mailto:asiapacific@conferenceseries.com)

#### Toll free

USA & Canada: +1-800-216-6499  
Australia: +1-800-651-097  
Europe: 0805-080048