

GLOBAL EXPERTS MEETING ON

# PHARMACEUTICS & DRUG DELIVERY SYSTEMS

OCTOBER 12-13, 2017 OSAKA, JAPAN



PHARMACEUTICS  
MEETING 2017

**Contact Us: Meetings International PTE LTD.**

28 Maxwell Road, #03-05 Red Dot Traffic, Singapore-069120

Toll Free No. 800-101-2526

Email: [pharmaceutics@meetingseries.org](mailto:pharmaceutics@meetingseries.org)



## Scientific Program



Registrations

08:30-09:30

## Opening Ceremony

09:30-09:55

Day 1 October 12, 2017

Sapphire

### Keynote Forum

09:55-10:00 Introduction

10:00-10:40 Title: Solid-state characterization and stability tracking of drug-loaded micro- and nanofibrous delivery systems

Romana Zelko, Semmelweis University, Hungary

10:40-11:20 Title: Hot melt extrusion: An emerging drug delivery technology

Rashid Mahmood, Surge Laboratories Private Limited, Pakistan

### Group Photo

Networking and Refreshments Break: 11:20-11:40

Sessions:

Biopolymers | Nanotechnology in Drug Delivery | Polymer material Science & Engineering | Polymer Nanotechnology | Bio Renewable Biopolymers | Biodegradable Polymers

Session Introduction

Session Chair: Romana Zelko, Semmelweis University, Hungary

11:40-12:10 Title: Concentration regimes of biopolymers xanthan, tara and clairana, comparing dynamic light scattering and distribution of relaxation time

Patrícia Diaz de Oliveria, Federal University of Pelotas, Brazil

12:10-12:40 Title: Modeling of phase behaviors for hydrogen bonding polymer solution using pc-saft equation of state

Bong-Seop Lee, Kuyngnam University, Republic of Korea

12:40-13:10 Title: Influence of surface charge density and nacl concentration on the intrinsic viscosity of cellulose nanocrystal suspensions

Siqun Wang, University of Tennessee, USA

Lunch Break: 13:10-14:10

14:10-14:40 Title: Self-assembled tripeptide fibers as prebiotic RNA binders

Tony Z Jia, Tokyo Institute of Technology, Japan

14:40-15:10 Title: Thermogels as an injectable 3D scaffold

Byeongmoon Jeong, Ewha Womans University, Republic of Korea

15:10-15:40 Title: 13C labeling gives insight into contribution of PHB precursors in Synechocystis sp. PCC 6803

Vaishali Dutt, ICgeb, India

15:40-16:10 Title: Nanoformulations for Hsp90 Inhibitors for Cancer Therapy

Ankit K Rochani, Toyo University, Japan

Networking and Refreshments Break: 16:10-16:30

### Panel Discussions

Day 2 October 13, 2017

Sapphire

Sessions:

Polymeric Biomaterials | Formulation Aspects | Bioplastics | Peptides and Protein Drug Delivery | Bio Renewable Biopolymers | Theranostics

Session Introduction

**Session Chair: Byeongmoon Jeong**, Ewha Womans University, Republic of Korea

**10:00-10:30** Title: **Copper based multifunctional nanocrystals for a pragmatic approach towards cancer theranostics**  
**M Sheikh Mohamed**, Toyo University, Japan

**10:30-11:00** Title: **Cationic Porphyrin Induced B-Z Transition of AT-Rich DNA**  
**Yun Jung Jang**, Yeungnam University, Republic of Korea

Networking and Refreshments Break: 11:00-11:20

**11:20-11:50** Title: **Preparation of intelligence barrier films based on low density poly ethylene and evaluation of its properties**  
**B Bahari Aban**, Islamic Azad University, Iran

**11:50-12:20** Title: **Response surface method optimization of rice straw-liquefaction using crude glycerol for rigid polyurethane foam application**  
**Rosal Jane Ruda**, Mindanao State University-IIT, Philippines

**12:20-12:50** Title: **Effects of rice straw-based polyol on the thermophysical properties of rigid polyurethane foam**  
**Kriztine Magadan-Icalina**, Mindanao State University-IIT, Philippines

#### Poster Presentations 11:20-13:00

**BPDD001** Title: **The anticancer activity of the combination therapy of gemcitabine and doxorubicin encapsulated in a nanoemulsion**

**Faiza Abdu**, King Abdulaziz University, KSA

**BPDD002** Title: **Production of bioplastic by brazilian bacterium ralstonia solanacearum**

**Matheus Marques Torres**, Federal University of Pelotas (UFPel), Brazil

**BPDD003** Title: **Drug discovery of FLT-3/c-KIT inhibitors as anticancer drugs**

**Min-Hsien Wang**, National Health Research Institutes (NHRI), Taiwan

**BPDD004** Title: **Novel and validated spectrophotometric estimation of Indomethacin in bulk and solid dosage formulation using mixed hydrotropic solubilisation technique**

**Nisar Ahmad Khan**, University of Kashmir, India

**BPDD005** Title: **Preparation and evaluation of gastro-retentive floating tablets of bromhexine hydrochloride using thermoplastic granulation method**

**Kelvin Bucktowar**, T. John College of Pharmacy, India

**BPDD006** Title: **Preparation of hydrogels using various starch aldehydes**

**Jungmin Lee**, Seoul National University, Republic of Korea

**BPDD007** Title: **Effect of the Grafting Reaction of Aluminum Nitride on the Multi-Walled Carbon Nanotubes on the Thermal Properties of the Poly(phenylene sulfide) Composites**

**Min Goo Jee**, Seoul National University, Republic of Korea

**BPDD008** Title: **Preparation of carboxymethyl cellulose based-hydrogels using polycarboxylic acids**

**Dahyun Kim**, Seoul National University, Republic of Korea

**BPDD009** Title: **Preparation of polysaccharide hydrogels with different process methods**

**Jihyun Yeo**, Seoul National University, Republic of Korea

**BPDD010** Preparation and characteristics of PPS composites using glass fiber and reduced graphene oxide

**Juhee Byeon**, Seoul National University, Republic of Korea

**BPDD011** Title: **Raman analysis and morphological studies of lignin-based carbon / sepiolite hybrid materials prepared by mechanical methods**

**Hyun-gyoo Roh**, Seoul National University, Republic of Korea

**BPDD012** Title: **Efficiency of Brazilian xanthan encapsulation and associations in the microencapsulation of probiotics (*Lactobacillus acidophilus*)**

**Patrícia Diaz de Oliveria**, Federal University of Pelotas, Brazil

#### Award and Closing Ceremony

Lunch Break: 13:00-14:00

#### B2B Meetings & Panel Discussions