

ANNUAL MEETING ON

BIOPOLYMERS AND DRUG DELIVERY SYSTEMS

OCTOBER 12-13, 2017 OSAKA, JAPAN



BIOPOLYMERS
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: biopolymers@meetingseries.org | 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

Session Introduction

Session Chair: Jongshin Park, Seoul 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