ANNUAL MEETING ON
BIOPOLYMERS AND
DRUG DELIVERY SYSTEMS
OCTOBER 12-13, 2017  OSAKA, JAPAN
### Day 1  October 12, 2017

#### Sapphire

**Keynote Forum**

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<td>09:55-10:00</td>
<td>Introduction</td>
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| 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 | Biodegradable Polymers

**Session Chair:** Romana Zelko, Semmelweis University, Hungary

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| 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*

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| 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*

### Day 2  October 13, 2017

#### Sapphire

**Session Chair:** Jongshin Park, Seoul University, Republic of Korea

**Sessions:**  
Polymeric Biomaterials | Formulation Aspects | Bioplastics | Peptides and Protein Drug Delivery | Bio Renewable Biopolymers

**Session Introduction**
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 polyethylene 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 bioplastics from old fats containing esterification and transesterification processes  
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 hydrotrropic 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: Preparation of polysaccharide hydrogels with different process methods  
Jihyun Yeo, 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: The antitumor activity of xanthan hydrogels prepared by mechanical methods  
Patrícia Diaz de Oliveira, Federal University of Pelotas, Brazil

BPDD010  Title: Preparation of polysaccharide hydrogels with different process methods  
Jihyun Yeo, Seoul National University, Republic of Korea

BPDD011  Title: Preparation and characteristics of PPS composites using glass fiber and reduced graphene oxide  
Juhee Byeon, Seoul National University, Republic of Korea

BPDD012  Title: Preparation and properties of PPS composites using glass fiber and reduced graphene oxide  
Juhee Byeon, Seoul National University, Republic of Korea

Award and Closing Ceremony

Lunch Break: 13:00-14:00

B2B Meetings & Panel Discussions