Meetings International

Scientific Program

Annual Meeting on

Biopolymers and Drug Delivery Systems

October 12-13, 2017 Osaka, Japan



Biopolymers Meeting 2017

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Scientific Program

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Registrations
08:30-09:30

Opening Ceremony
09:30-09:55

Day 1 October 12, 2017

Crystal

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

Crystal

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	**Tittle: 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 acidophillus*)** **Patrícia Diaz de Oliveria**, Federal University of Pelotas, Brazil
	Award and Closing Ceremony
	Lunch Break: 13:00-14:00
	B2B Meetings & Panel Discussions