Day 1  May 21, 2018

Meeting Room 1

09:00-09:25 Opening Ceremony

Keynote Forum

09:25-10:10 Title: Local and targeted delivery of nanomedicines for the treatment of glioblastoma
Veronique Preat, University of Louvain, Belgium

10:10-10:55 Title: New biocompatible oxide nanoparticles as carriers of bioactive compounds through the blood-brain barrier
Michal Godlewski, Warsaw University of Life Sciences WULS-SGGW, Poland

Networking & Refreshments Break 10:55-11:15 @ Foyer

11:15-12:00 Title: Electron microscopic visualization and recording of myosin head recovery and power strokes in hydrated myosin filaments using the gas environmental chamber
Haruo Sugi, Teikyo University School of Medicine, Japan

12:00-12:45 Title: Dendrimer nanotechnology for biomedical applications
Ling Peng, Aix-Marseille University, France

Lunch Break 12:45-13:30 @ California Restaurant

Session: Advanced Nanomedicine and Nanotechnology | Novel Drug Delivery Systems | Regenerative Medicine and Tissue Engineering
Session Chair: Veronique Preat, University of Louvain, Belgium

13:30-14:00 Title: Tumor microenvironment-targeted bacteriochlorophylls as theranostic agents for triple negative breast cancer
Lilach Agemy, Weizmann Institute of Science, Israel

14:00-14:30 Title: Engineered clay nanoparticles for cancer treatment and diagnosis
Zi Sophia Gu, University of New South Wales, Australia

14:30-15:00 Title: Cationic lipids for gene delivery in vitro and in vivo
Shubiao Zhang, Dalian Minzu University, China

15:00-15:30 Title: Functionalized graphene oxide for significantly enhanced antibacterial activity of Cephalexin
Nuwanthi Katuwavila, Sri Lanka Institute of Nanotechnology, Sri Lanka

Networking & Refreshments Break 15:30-15:50 @ Foyer

Session: Synthesis of Nanoparticles for Drug Delivery | Nanomaterials for Drug Delivery
Session Chair: Michal Godlewski, Warsaw University of Life Sciences WULS-SGGW, Poland

15:50-16:20 Title: Stimulus-sensitive self-assembling amphiphilic dendrimers as siRNA delivery platform
Xiaoxuan Liu, China Pharmaceutical University, China

16:20-16:50 Title: Versatile organic/inorganic nanohybrids for delivery systems
Nana Zhao, Beijing University of Chemical Technology, China

16:50-17:20 Title: Non-invasive delivery of magnetic drug-nano-carrier to the brain
Ajeet Kaushik, Florida International University, USA

Panel Discussions

Day 2  May 22, 2018

Meeting Room 1

Keynote Forum

09:30-10:15 Title: Drug delivery to cancer based on nanomedicine utilizing EPR effect
Hiroshi Maeda, Kumamoto University, Japan

10:15-11:00 Title: Unimolecular nanoparticles for targeted drug delivery
Shaoqin Sarah Gong, University of Wisconsin-Madison, USA

Networking & Refreshments Break 11:00-11:20 @ Foyer
11:20-12:05  
**Title:** Thermosensitive magnetic liposome nanodrugs for cancer therapy  
*Jyh-Ping Chen,* Chang Gung University, Taiwan

**Session:** Advanced Nanomedicine and Nanotechnology | Novel Drug Delivery Systems  
**Session Chair:** Hiroshi Maeda, Kumamoto University, Japan

12:05-12:35  
**Title:** Nanocarriers-mediated siRNA delivery for treatment of cancer  
*Virendra Gajbhiye,* Agharkar Research Institute, India

**Lunch Break 12:35-13:20 @ California Restaurant**

13:20-13:50  
**Title:** Rosiglitazone loaded in nano-liposome carriers for enhanced bioavailability and brain targeting for ischemic stroke  
*Ming-Jun Tsai,* China Medical University, Taiwan

13:50-14:20  
**Title:** The implications and applications of nanotechnology in dentistry  
*Rawan AlKahtania,* Princess Nourah bint Abdulrahman University, KSA

14:20-14:50  
**Title:** Nephroprotective potential of gold nanoparticles synthesized by *Vitis vinifera* against CCl₄ induced toxicity  
*Chandra Kant Sharma,* Banasthali Vidyapith, India

**Posters PND01-PND12 @14:50-15:50**

**Poster Judges:** Veronique Preat, University of Louvain, Belgium | Hiroshi Maeda, Kumamoto University, Japan

**PND01**  
**Title:** Microfluidics manufacture of Verteporfin loaded liposomes composed of natural and synthetic lipids using a scalable microfluidic platform  
*Tim Leaver,* Precision NanoSystems Inc., Canada

**PND02**  
**Title:** Synergic effect of microneedle and iontophoresis on transdermal delivery of human growth hormone  
*Gyubin Noh,* Keimyung University, Republic of Korea

**PND03**  
**Title:** Improved water solubility and corneal permeation of fluorometholone solid dispersion employing polymeric micelle systems  
*Gyubin Noh,* College of pharmacy, Keimyung University, Republic of Korea

**PND04**  
**Title:** Promoting effects of cholic acid derivatives modified-elastic liposomes on permeation of insulin across TR146 cell  
*Santosh Bashyal,* Keimyung University, Republic of Korea

**PND05**  
**Title:** Comparison study of penetratin and penetratin-conjugated liposomes on transbuccal delivery of salmon calcitonin  
*Taekwang Keum,* Keimyung University, Republic of Korea

**PND06**  
**Title:** Determination of adjuvant activity of novel squalene based oil-in-water emulsion adjuvants developed using Self-Emulsifying Drug Delivery System (SEDDS)  
*Rakesh Bastola,* Keimyung University, Republic of Korea

**PND07**  
**Title:** Assessment of adjuvanticity of novel mineral oil-based emulsion adjuvants with Mycoplasma hypopneumoniae antigens prepared using Self-Emulsifying Drug Delivery System (SEDDS)  
*Rakesh Bastola,* Keimyung University, Republic of Korea

**PND08**  
**Title:** Synthesis and *in vitro* evaluation of carbamate-linked cationic lipids  
*Defu Zhi,* Dalian Minzu University, China

**PND09**  
**Title:** Green synthesis of silver nanoparticles by *Aegle marmelos* against CCl₄ induced toxicity and hepatoprotective in rat model  
*Ishita Yadav,* University of Rajasthan, India

**PND10**  
**Title:** A tumor homing peptide conjugated zinc(II)phthalocyanine for targeted photodynamic therapy  
*YU Ligang,* City University of Hong Kong, Hong Kong

**PND11**  
**Title:** Lipid-polymer hybrid nanoparticles (Lipobrid) based targeted delivery of Docetaxel to breast cancer cells  
*Rajesh Singh Jadon,* Jiwaji University, India

**PND12**  
**Title:** Nanodiamond clusters decorated with folic acid for photothermal tumor therapy  
*Sung Choi,* The Catholic University of Korea, Republic of Korea

**Networking and Refreshments Break 15:50-16:10 @ Foyer**

**Posters PND13-PND23 @16:10-17:10**
PND13  Title: Galactose: PEGamine coated gold nanoparticles adhere to filopodia: Effects of nanoparticle synthesis time on cellular uptake and toxicity  
Konstantina Nadia Tzelepi, The Open University, UK

PND14  Title: Strategies for improving the intratumoral distribution of liposomal temozolomide in brain therapy  
Chung-Yin Lin, Chang Gung University, Taiwan

PND15  Title: Targeted transport therapeutic nanoparticles into adipose tissue  
Zheming Niu, University of Bonn, Germany

PND16  Title: Inhibitory effect of chrys-in-loading nanoparticles on tumor progression  
Joohee Jung, Duksung Women’s University, Republic of Korea

PND17  Title: PMMA nanoparticles promote the internalization of a survivin molecular beacon by endocytosis in human A549 cells: Fate of the nanoparticles and the theranostic agent  
Barbara Adinolfi, Istituto di Fisica Applicata “Nello Carrara”, Italy

PND18  Title: Post-infarct arrhythmia prevention via intramyocardial transplantation of Cx43 expressing fibroblasts  
Esther Carls, University Hospital Bonn, Germany

PND19  Title: Magnetic Nanoparticles: Assisted local lentiviral transduction of fibroblasts in vitro  
Miriam Schiffer, University Hospital Bonn, Germany

PND20  Title: PED4 inhibitor-loaded phosphatiosomes for attenuating neutrophilic inflammation in acute lung injury  
Jia-You Fang, Chang Gung University, Taiwan

PND21  Title: Dual-function, cationic peptide-coated nanodiamond system: Facilitating gene delivery to the nucleus for enhanced disease therapy  
Hoi Man Leung, City University of Hong Kong, Hong Kong

PND22  Title: Cancer-cell-specific mitochondria-targeted drug delivery by dual-ligand-functionalized nanodiamonds circumvent drug resistance  
Miu Shan Chan, City University of Hong Kong, Hong Kong

PND23  Title: Preparation of Ganoderma lucidum polysaccharide loaded sodium alginate particles with nano-scaled surface morphology for controlled release  
Ming-Wei Chang, Zhejiang University, China

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Group Photo (Poster Presentations)  
Panel Discussions

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Day 3  May 23, 2018  
Meeting Room 1

Keynote Forum

09:30-10:15  Title: Design of multifunctional polymeric carriers for cancer gene therapy  
Rohidas Arote, Seoul National University, Republic of Korea

Young Researchers Forum

Session: Nanotechnology in Drug Delivery | Pharmaceutical Nanotechnology | Biomaterials in Drug Delivery  
Session Chair: Hiroshi Maeda, Kumamoto University, Japan

10:15-10:30  Title: Mucoadhesive chitosan-coated Nanostructured Lipid Carriers (NLC) for oral delivery of Amphotericin B  
Janet Tan Sui Ling, University of Nottingham Malaysia Campus, Malaysia

10:30-10:45  Title: Novel theranostic agents against acute lymphoblastic leukemia: CD19-targeting gold nanourchins  
Andra-Sorina Tatar, Babes-Bolyai University, Romania

10:45-11:00  Title: A novel approach toward mucoadhesive and tumour targeting curcumin nanoparticles for colon cancer treatment  
Rayan Sabra, University of Nottingham, Malaysia

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

11:20-11:35  Title: Surface activity of Nanostructured Lipid Carriers (NLCs) on meibomian lipid films  
Patravee Niamprem, Naresuan University, Thailand
Title: Synergistic anti-cancer effect of stable nitric oxide releasing nanoparticles, SMA-tDodSNO and Doxorubicin
Houman Alimoradi, University of Otago, New Zealand

11:50-12:05
Title: Cytotoxicity evaluation of nano-diamond doped with ethidium bromide
Mizuki Mori, Kanagawa institute of Technology, Japan

Title: Design a benzotriazole linker for solid-phase synthesis of peptide decorated dendrimer conjugate as drug carrier
Anand Selvaraj, Kaohsiung Medical University, Taiwan

12:05-12:20
Title: Preparation and characterization a biodegradable mPEG-PCL micelle as a controlled release formulation for curcumin-Docetaxel for treatment of atherosclerosis
Mahdieh Heydarigoojani, TU University of Vienna, Austria

Title: Merging the two worlds: Lipid-polymer hybrid nanoparticles for the controlled drug delivery of chemotherapeutic agents
Nayab Tahir, University of Sargodha, Pakistan

Awards & Closing Ceremony
Lunch Break 12:50-13:50 @ California Restaurant
B2B Meetings & Panel Discussions