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Scientific Program

2nd International Conference and Exhibition on

Nanomedicine and Drug Delivery

May 21-23, 2018 | Tokyo, Japan



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Day 1: May 21, 2018

08:00-09:00 Registrations

Meeting Room 1

conferenceseries.com 09:00-09:25 **Opening Ceremony**

Keynote Forum

9:25-10:10	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 And Refreshment 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: Charm of dendrimer nanotechnology for biomedical applications Ling Peng, French National Scientific Research Center (CNRS), 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: Non-invasive delivery of magnetic drug-nano-carrier to the brain Ajeet Kaushik, Florida International University, USA
14:30-15:00	Title: Engineered clay nanoparticles for cancer treatment and diagnosis Zi Sophia Gu, University of New Wales, Australia
15:00-15:30	Title: Cationic lipids for gene delivery *in vitro* and *in vivo* Shubiao Zhang, Dalian Minzu University, China

Networking and Refreshment 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: Functionalized graphene oxide for significantly enhanced antibacterial activity of Cephalexin LaksiriWeerasinghe, Sri Lanka Institute of Nanotechnology, Sri Lanka
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: Stimulus-sensitive self-assembling amphiphilic dendrimers as siRNA delivery platform Xiaoxuan Liu, China Pharmaceutical University, China

Panel Discussion and Award Cermony

Day 1 Concludes

Day 2 May 22, 2018

Keynote Forum

@Meeting Room 1

09:30-10:15	**Title: Drug delivery to cancer based on nano medicine utilizing EPR effect** Hiroshi Maeda, Osaka University Medical School, Japan
10:15-11:00	**Title: Unimolecular Nanoparticles for Targeted Drug Delivery** Shaoqin Sarah Gong, University of Wisconsin, USA

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

11:20-12:05	**Title: Thermosensitive magnetoliposome nanodrugs for cancer therapy** **Jyh-Ping Chen**, Chang Gung University, Taiwan

Lunch Break 12:05-12:50 @California Restaurant

Session : Advanced Nanomedicine and Nanotechnology | Novel Drug Delivery Systems

Session Chair: Hiroshi Maeda, Osaka University Medical School, Japan

12:50-13:20	**Title: Nanocarriers-mediated siRNA delivery for treatment of cancer** Virendra Gajbhiye, Agharkar Research Institute, India
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: Nephroprotective potential of gold nanoparticles synthesized by Vitis vinifera against CCl4 induced toxicity** Chandra Kant Sharma, Banasthali Vidyapith, India
14:20-14:50	**Title: The implications and applications of nanotechnology in dentistry** Rawan AlKahtania, Princess Nourah Bint Abdulrahman University, KSA

Networking and Refreshment Break 14:50-15:10 @FOYER

Poster Presentations 15:10-17:15 @ Meeting room 1

Poster Judges: Veronique Preat, University of Louvain, Belgium | Hiroshi Maeda, Osaka University Medical School, Japan

PND01	**Title: Microfluidics manufacture of Verteporfin loaded liposomes composed of natural and synthetic lipids using a scalable microfludic 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: Chitosan entrench with Non ionic surfactant based vesicular formulation of Gancyclovir for Ocular Administration Suchi Thakur, University in Bhopal, India
PND10	Title: Green synthesis of silver nanoparticles by Aegle marmelos against CCl4 induced toxicity and hepatoprotectivity in rat model Ishita Yadav, Rajasthan University, India
PND11	Title: A tumor homing peptide conjugated zinc (II) phthalocyanine for targeted photodynamic therapy YU Ligang, City University of Hong Kong, Hong Kong
PND12	Title: Lipid-polymer hybrid nanoparticles (Lipobrid) based targeted delivery of Docetaxel to breast cancer cells Rajesh Singh Jadon, Jiwaji University, India
PND13	Title: Nanodiamond clusters decorated with folic acid for photothermal tumor therapy Sung Choi, The Catholic University ofKorea, Republic of Korea
PND14	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
PND15	Title:Strategies for improving the intratumoral distribution of liposomal temozolomide in brain therapy Chung-Yin Lin, Chang Gung University, Taiwan
PND16	Title: Targeted transport therapeutic nanoparticles into adipose tissue ZhemingNiu, University of Bonn, Germany
PND17	Title: Inhibitory effect of chrysin-loading nanoparticles on tumor progression Joohee Jung, Duksung Women's University, Republic of Korea
PND18	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
PND19	Title: Post-infarct arrhythmia prevention via intramyocardial transplantation of Cx43 expressing fibroblasts Esther Carls, University Hospital Bonn, Germany
PND20	Title: Magnetic Nanoparticles: Assisted local lentiviral transduction of fibroblasts *in vitro* Miriam Schiffer, University Hospital Bonn, Germany
PND21	Title: PED4 inhibitor-loaded phosphatiosomes for attenuating neutrophilic inflammation in acute lung injury Jia-You Fang, Chang Gung University, Taiwan
PND22	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, Hongkong
PND23	Title: Cancer-cell-specific mitochondria-targeted drug delivery by dual-ligand-functionalized Nanodiamonds circumvent drug resistance Miu Shan Chan, City University of Hong Kong, Hongkong
PND24	Title: Preparation of Ganoderma lucidum polysaccharide loaded sodium alginate particles with nano-scaled surface morphology for controlled release Ming-Wei Chang, Zhejiang University, China

Group Photo (Poster Presentations)

Panel Discussion

Day 2 Concludes

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: Haruo Sugi, Teikyo University, Japan

09:30-09:45	**Title: Mucoadhesive chitosan-coated Nanostructured Lipid Carriers (NLC) for oral delivery of Amphotericin B** **Janet Tan Sui Ling, University of Nottingham Malaysia Campus, Malaysia**
09:45-10:00	**Title: Novel theranostic agents against acute lymphoblastic leukemia: CD19-targeting gold nanourchins** **Andra-Sorina Tatar, Babes-Bolyai University, Romania**
10:00-10:15	**Title: A novel approach toward mucoadhesive and tumour targeting curcumin nanoparticles for colon cancer treatment** **Rayan Sabra, University of Nottingham, Malaysia**
10:15-10:30	**Title: Surface activity of Nanostructured Lipid Carriers (NLCs) on meibomian lipid films** **Pattravee Niamprem, Naresuan University, Thailand**

Networking and Refreshment Break 10:30-10:50 @Foyer

10:50-11:05	**Title: Synergistic anti-cancer effect of stable nitric oxide releasing nanoparticles, SMA-tDodSNO and Doxorubicin** **Houman Alimoradi, University of Otago, New Zealand**
11:05-11:20	**Title: Cytotoxicity evaluation of nano-diamond doped with ethidium bromide** **Mizuki Mori, Kanagawa institute of Technology, Japan**
11:20-11:35	**Title: Design a benzotriazole linker for solid-phase synthesis of peptide decorated dendrimer conjugate as drug carrier** **Anand Selvaraj, Kaohsiung Medical University, Taiwan**
11:35-11:50	**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**
11:50-12:05	**Title: Merging the two worlds: Lipid-polymer hybrid nanoparticles for the controlled drug delivery of chemotherapeutic agents** **Nayab Tahir, University of Sargodha, Pakistan**

Lunch Break 12:30-13:15 @California Restaurant

Final Day Group Photo @Meeting Room 1

B2B Meetings

Award Ceremony

For Speaker opportunities and related queries contact us at : nanodelivery@conferenceseriesnet