

2018 Taiwan-Japan-Korea Trilateral Conference on Nanomedicine Program

Dec 12, 2018 (Wednesday)

Day 0	Event	Venue
16:30-18:00	Campus Tour and Visiting Center of Applied Nanomedicine	Lobby
18:00-20:00	Reception (Invited)	Level B2 An Ping

Dec 13, 2018 (Thursday)

Day 1	Speaker	Topic	Chair	Venue
9:20-10:00	Registration			Level 9 Auditorium
10:00-10:20	Opening Ceremony			
10:20-10:40	A1 Prof. Chung-Yuan Mou	Blood/Nanoparticle Interface: The Protein Corona Problem	Prof. Peilin Chen	
10:40-11:00	A2 Prof. Tsuneo Urisu	Improvement of the Seal Resistance in the Incubation Type Planar Patch Clamp Device		
11:00-11:20	A3 Prof. Yongdoo Choi	PET Mechanism-Based Activatable Molecular Probes for Fast, Real-Time, and Target-Cell-Specific Fluorescence Imaging		
11:20-11:40	A4 Prof. Wu-Chou Su	Targeting NRP1-expression cells with DG2-PLGA-Stat3i Nanoparticles in Lung Cancer		
11:40-12:00	A5 Dr. Takeshi Hori	An Improved 3D Culture Method: A Multilayered Cell Sheet without Cell-Basal Plate Adhesion		
12:00-14:00	Lunch			Level 3 Cheng Kung
14:00-14:20	B1 Prof. Madoka Takai	Nano/Micro-Structure-Induced Protein Adsorption and Cell Adhesion	Prof. Hiroo Iwata	Level 9 Auditorium
14:20-14:40	B2 Prof. Li-Fang Wang	Chondroitin Sulfate-Modified Polymers for Drug Delivery		
14:40-15:00	B3 Prof. Ayumi Hirano-Iwata	Stable Lipid Bilayers in Microfabricated Silicon Chips as a Platform for Ion Channel Proteins		
15:00-15:20	B4 Prof. Yu-Fen Huang	Engineering of Photo-Responsive Nanoplatforms for Controlled Drug Release in Cancer Therapy		
15:20-15:50	Coffee Break			
15:50-16:10	C1 Prof. Michiya Matsusaki	Assembly of Nano/Micro-Biomaterials and Cells to Construct <i>in vitro</i> 3D-Tissues	Prof. Lai-Kwan Chau	
16:10-16:30	C2 Prof. Shu-Yi Lin	Causing Corrosion, Providing an Anticancer Effect: Inhibition of Tumor Hypoxia and Growth Using Chemotherapeutic Platinum Nanocatalysts		
16:30-16:50	C3 Prof. Feng-Huei Lin	Nano-sized Fluoride-Montmorillonite Added Composite Resin as Dental Pit and Fissure Sealant		
18:00-20:00	Banquet (Invited)			Level B1 Chih Kan

Dec 14, 2018 (Friday)

Day 2	Speaker	Topic	Chair	Venue
8:30-9:00	Registration			Level 9 Auditorium
9:00-9:20	D1 Prof. Fuyuhiko Tamanoi	Tumor Targeting of Mesoporous Silica Nanoparticles Characterized by Using Chicken Egg Tumor Model	Prof. Yongdoo Choi	
9:20-9:40	D2 Prof. Keon Wook Kang	Multimodal Imaging Using Nanomaterials <i>in vivo</i>		
9:40-10:00	D3 Prof. Keiichi Torimitsu	Functional Analysis of Neurons using Conductive Polymer Modified Electrode		
10:00-10:20	D4 Prof. Dar-Bin Shieh	Cancer Selective Nano Therapy Based on Mitochondria Ferroptosis		
10:20-10:40	Coffee Break			
10:40-11:00	E1 Prof. Dehui Wan	Plasmonic Hollow Nanomaterials for Biomedical Applications	Prof. Kuan-Jiuh Lin	
11:00-11:20	E2 Prof. Sangyong Jon	Bilirubin-Based Nanomedicine for Anticancer and Anti-Inflammatory Therapy		
11:20-11:40	E3 Prof. Huan-Cheng Chang	Nanodiamonds for Nanomedicine		
11:40-12:00	E4 Prof. San-Yuan Chen	Fuoidan-Based Magnetic Nanomedicine Immunotherapy Platform for Enhanced Tumor Therapy		
12:00-13:30	Lunch			Level 3 Cheng Kung
13:30-13:50	F1 Prof. Hiroo Iwata	Cell Culture Systems for Regenerative Medicine	Prof. Dar-Bin Shieh	Level 9 Auditorium
13:50-14:10	F2 Prof. Tzu-Ming Liu	Imaging Pharmacokinetics of Nanomedicines with Nonlinear Optical Microscopy		
14:10-14:30	F3 Prof. Masaya Yamamoto	Stimuli-Responsive Hydrogels for <i>in vitro</i> Tissue Engineering		
14:30-14:50	F4 Dr. Osamu Kurosawa	Purification of Trophoblast Stem Cells from Trophoblast Derived from hiPSC for the Application to Develop the Placenta Chip		
14:50-15:10	F5 Prof. Che-Ming Jack Hu	Bioinspired Materials Engineering for Immune Modulation		
15:10-15:30	Coffee Break			
15:30-15:50	G1 Prof. Ai-Ho Liao	Development and Application of Multifunctional Microbubbles for Ultrasound Mediated Transdermal Drug Delivery	Prof. Sangyong Jon	
15:50-16:10	G2 Prof. Ja-An Annie Ho	Application of Supported Lipid Bilayer Modified Gold Nanoparticles in Analysis of Peanut Agglutinin		
16:10-16:30	G3 Prof. Satoshi Fujita	Electrospun Co-Axial Nanofibers as DDS Matrix for Tunable Release		
16:30-16:50	G4 Prof. Weiping Wang	Phototriggered Targeting of Nanocarriers for Drug Delivery		
16:50-17:20	G5 Prof. Yusuke Arima	Interaction at Cell-Cell Interface Studied using Model Cell Surface		
17:20-17:50	Closing Remarks			