

# 2021 臺灣奈米生醫學會年會暨國際研討會

International Conference on Precision Nanomedicine in Theranostics & the 2021 Annual Meeting of Taiwan Nanomedicine Society

10/8 (Fri)		Activity		
8:30-9:00	Registration			
9:00-9:10	Hall-1 (遠東宴會廳 Far Eastern Grand Ballroom)			Gallery
	<b>Opening Remarks</b> 國立成功大學 賴明德副校長 Prof. Ming-Derg Lai (Vice President, National Cheng Kung University) 國立成功大學醫學院 沈延盛院長 Prof. Yan-Shen Shan (Dean, College of Medicine, National Cheng Kung University) Master of Ceremonies: Prof. Che-Ming Jack Hu (胡哲銘)			
9:10-10:00	<b>Plenary Speech I</b> Nanotechnology Approaches to Biology and Medicine Prof. Paul S. Weiss (Distinguished Professor, California NanoSystems Institute, University of California, Los Angeles, USA) Chair: Prof. Che-Ming Jack Hu (胡哲銘)			
10:00-10:20	Coffee Break			
10:20-12:00	<b>Award Ceremony &amp; Award Honor Speech</b> <b>Exceptional Merit Service Award</b> Mr. Te-Ming Chiang (江德明, Owner & Representative, Joy Allied Technology Inc.) <b>Outstanding Research Award</b> Prof. Han-Chung Wu (吳漢忠, Distinguished Research Fellow, Institute of Cellular and Organismic Biology, Academia Sinica) Speech: Development of Targeting Nanoparticles for Cancer Molecular Imaging and Therapy <b>Outstanding Technology Award</b> Prof. Ping-Ching Wu (吳炳慶, Associate Professor, Department of Biomedical Engineering, National Cheng Kung University) Speech: Innovative Methods for Detecting Periodontal Disease <b>Outstanding Young Scholar Award</b> Mr. Jia-Wei Yang (楊家維, PhD Candidate, Institute of Biomedical Engineering, National Yang Ming Chiao Tung University) Speech: Functionalized Graphene Oxide Bionterface: From Cell-Substrate Interactions to Biohybrid Retinal Implants Chair: Prof. Chien-Fu Chen (陳建甫)			
12:00-13:30	Lunch			
	Hall-1 (遠東宴會廳 Far Eastern Grand Ballroom)	Hall-2 (府城廳 Fu Cheng Function Room)	Hall-3 (安平廳 An Ping Function Room)	
	Board of Supervisors Meeting			
13:30-14:20	Hall-1 (遠東宴會廳 Far Eastern Grand Ballroom)			
	<b>Plenary Speech II</b> Activatable Theranostic Agents for Targeted Near-Infrared Fluorescence Imaging and Photodynamic Therapy Prof. Yongdoo Choi (Head, Division of Technology Convergence, National Cancer Center & President, the Korean Photodynamic Association, Korea) Chair: Prof. Peilin Chen (陳培菱)			
14:20-15:20	Hall-1 (遠東宴會廳 Far Eastern Grand Ballroom)	Hall-2 (府城廳 Fu Cheng Function Room)	Hall-3 (安平廳 An Ping Function Room)	Gallery
	<b>Invited Speech I-A</b> Nanocoating of Medical Devices for Biomedical Applications Prof. Norased Nasongkla Multifunctional Theranostic Red Blood Cell Membrane Coated Nanoparticles for the Treatment and Detection of Breast Cancer Prof. Soracha Dechaumphai Chair: Prof. Ping-Ching Wu (吳炳慶)	<b>Invited Speech I-B</b> A Green Preparation of Nanozymatic Carbon Materials Prof. Wei-Ssu Liao (廖尉斯) Marginative Delivery-Mediated Extracellular Leakiness and T Cell Infiltration in Lung Metastasis by Biomimetic Nanomedicine Prof. Shang-Hsiu Hu (胡尚秀) Extracellular Vesicles (EV) in Non-Small-Cell Lung Cancer: From Liquid Biopsy to Mediating Sensitivity to Target Therapy Prof. Chien-Chung Lin (林建中) Chair: Prof. Yu-Fen Huang (黃郁榮)	<b>Oral Competition I</b>	<b>Poster Competition</b>

15:20-15:40	<b>Coffee Break</b>			<b>Poster Competition</b>
15:40-16:40	<b>Hall-1</b> (遠東宴會廳 Far Eastern Grand Ballroom)	<b>Hall-2</b> (府城廳 Fu Cheng Function Room)	<b>Hall-3</b> (安平廳 An Ping Function Room)	
	<b>Invited Speech II-A</b>  Zero Valence Iron Nanoparticles as Novel Integrated Anti-Cancer Strategy Prof. Dar-Bin Shieh (謝達斌)  Near Infrared Light-Activated Nanomaterial-Mediated Photodynamic Therapy for Cancer Treatment Prof. Kuo Chu Hwang (黃國柱)  Chair: Prof. Chia-Hao Su (蘇家豪)	<b>Invited Speech II-B</b>  The Diagnosis and Innovative Treatments of Rare Skin Disorders Prof. Chao-Kai Hsu (許劍凱)  Mission Behind Nanomedicine and Beyond Prof. Si-Han Wu (吳思翰)  Preparation of Glyco-Nano Scaffold for MDA-MB-231 Cell Sensing and Targeting Prof. Chian-Hui Lai (賴千蕙)  Chair: Prof. Cheng-Hsin Chuang (莊承鑫)	<b>Oral Competition II</b>	
16:40-18:00	<b>Hall-1</b> (遠東宴會廳 Far Eastern Grand Ballroom)			
18:00-21:00	<b>TNS General Assembly</b>			
	<b>Banquet</b> (赤崁廳 East Gate)			

10/9 (Sat)	Activity			
9:00-9:50	<b>Hall-1</b> (遠東宴會廳 Far Eastern Grand Ballroom)			<b>Gallery</b>
	<b>Plenary Speech III</b>  Porous Materials for Gas Biology and Therapeutic Applications Prof. Shuhei Furukawa (Professor, Institute for Integrated Cell-Material Sciences, Kyoto University, Japan)  Chair: Prof. Kevin C.-W. Wu (吳嘉文)			
9:50-10:10	<b>Coffee Break</b>			
10:10-11:40	<b>Hall-1</b> (遠東宴會廳 Far Eastern Grand Ballroom)	<b>Hall-2</b> (府城廳 Fu Cheng Function Room)	<b>Hall-3</b> (安平廳 An Ping Function Room)	
	<b>Invited Speech III-A</b>  Minimalism Is the Practical Fashion of Nanotheranostics Prof. Leu-Wei Lo (羅履維)  Expanding the Magnitude and Breadth of T cell Responses to Neoantigen Vaccination by Polymeric Nanoshells Prof. Che-Ming Jack Hu (胡哲銘)  Design and Application of Nano Goldsomes for Spatio-Temporally Controlled Release of Nitric Oxide in the Treatment of Major Cardiovascular Diseases Prof. Wei-Tien Chang (張維典)  Chair: Prof. Shu-Yi Lin (林淑宜)	<b>Invited Speech III-B</b>  Photodynamic Therapy to Treat Deep-Seated Tumors in the Era of Nanomedicine Prof. Tak-Wah Wong (王德華)  Functional Nanomaterials for Self-Driven Disinfection Applications Prof. Zong-Hong Lin (林宗宏)  Surface Functionalized Layered Double Hydroxide Nanoparticles for Biomedical Applications Prof. Chia-Hung Lee (李佳洪)  To Use Ligand-Guided Control-Release Nanoparticles as Smart Bullets to Treat Cancers Prof. Wen-Pin Su (蘇文彬)  Chair: Prof. Jieh-Neng Wang (王玠能)	<b>Invited Speech III-C</b>  Bioinorganic Engineering of Natural [Fe(NO) <sub>2</sub> ] Motif for Controlled Delivery of NO and Biomedical Application Prof. Tsai-Te Lu (魯才德)  Construction of Real-Time Traceable Three-Way Junction RNA Virus-Like Particles to Enhance Radiotherapy by Multi-Gene Silencing in Glioblastoma Prof. Hung-Wei Yang (楊閔蔚)  Engineering Nanocomposite Hydrogels through Dynamic Bonds Prof. Yi-Cheun Yeh (葉伊純)  The Possible Role of Autophagy in Nanomaterial Toxicity and Its Implementation in Safety Assessment-Related Alternative Testing Strategies: Take the Silver Nanoparticle for Example Prof. Ying-Jan Wang (王應然)  Chair: Prof. Ching-Shiun Chen (陳敬勳)	
11:40-12:00	<b>Hall-1</b> (遠東宴會廳 Far Eastern Grand Ballroom)			
	<b>Closing Remarks</b>  臺灣奈米生醫學會 葉晨聖理事長 Prof. Chen-Sheng Yeh (Chairman, Taiwan Nanomedicine Society) 國立成功大學奈米醫學研究中心 蘇五洲主任 Prof. Wu-Chou Su (Director, Center of Applied Nanomedicine, National Cheng Kung University)  Master of Ceremonies: Prof. Che-Ming Jack Hu (胡哲銘)			