

**2016 INTERNATIONAL BIOMEDEICAL INTERFACE SYMPOSIUM  
(2016 IBMI)**

日台醫異分野交流會議

March 4th, 2016

**Venue: 16th Floor Conference Hall (United Medical Building- Back Building), Taipei Medical University**

9:30-9:50	Registration
9:50-10:00	Opening Remarks Mr. Akira FUKUSHIMA (Director, University Research Administration Center, Tokyo University of science) Dr. Yun Yen (President, Taipei Medical University) Dr. Kohei SOGA (Professor, Faculty of Industrial Science and Technology, Tokyo University of Science)
<b>Symposium A: Chemical Biology and Material Sciences for New Theranostic Methods</b> Chair: Shin AOKI, TUS, Japan; Chun-Cheng LIN, NTHU, Taiwan	
10:00-10:20	Drug Development for Radiation Therapy of Cancer Dr. Shin AOKI Professor, Faculty of Pharmaceutical Sciences, Tokyo University of Science
10:20-10:40	Construction of Carbohydrate-based Molecular Libraries by Chemical and Enzymatic Approaches Dr. Chun-Hung (Hans) Lin Professor, Institute of Biological Chemistry, Academia Sinica
10:40-11:00	Light-driven nano-fiber and nano-ring morphological transformation in an organogel based on an azo bridged bis(calix[4]arene). Dr. Wen-Sheng Chung Professor, Faculty of Organic Chemistry, National Chiao Tung University
11:00-11:20	Construction of Carbohydrate-based Molecular Libraries by Chemical and Enzymatic Approaches. Dr. Chun-Cheng Lin Professor, National Tsing Hua University
11:20-11:40	Probing Specific Heparan Sulfate-Protein Interaction Dr. Shang-Cheng Hung Professor, Academia Sinica
11:40-12:00	New therapeutic approach for atopic dermatitis (AD) using comprehensive analysis and system Dr. Masato Kubo Professor, Research Institute of Biomedical Sciences, Tokyo University of Science
12:00-13:00	Lunch
13:00-13:30	<b>Special Talk Chair: Hidehiro KISHIMOTO, U Ryukyus, Japan</b> Population history of the Ryukyu Islanders Dr. Hajime Ishida Professor, Graduate School of Medicine, University of the Ryukyus
<b>Symposium B: Advanced Clinical Researches on Cancer</b> Chair: Hidehiro KISHIMOTO, U Ryukyus, Japan; Yen-Hua, Huang, TMU, Taiwan	
13:30-14:00	Novel imaging system of endoscopy Dr. Kazuhiro KANEKO Department of Gastroenterology, Division of Endoscopy, National Cancer Center Hospital East
14:00-14:30	Sensitizing cancer cells by reorganizing tumor vasculature by treatment with arctigenin, a major constituent of a Chinese traditional medicine Arctium lappa L. Dr. Hiroyasu ESUMI Professor, Research Institute for Biomedical Sciences, Tokyo University of Science
14:30-15:00	Toward personalized cancer immunotherapy Dr. Kazuhiro KAKIMI Professor, Department of Immunotherapeutics, The University of Tokyo Hospital
15:00-15:30	Niche targeting on cancer stemness and clinical impact Dr. Yen-Hua, Huang Professor, Department of Biochemistry and Molecular Cell Biology, Taipei Medical University
15:30-16:00	Break

**Symposium C: Medical device and Medical image Processing**

Chair: Hiroshi TAKEMURA, TUS, Japan; Bing-Shiang Yang, National Chiao Tung University, Taiwan

16:00-16:20	Importance of Pivot and mobility for fulcrum in laparoscopic surgery with forceps Dr. Yuuji Nisizawa Department of Colorectal Surgery, National Cancer Center Hospital East
16:20-16:40	Needs for diagnosing and treating upper limb pathologies Tseng Wo-Jan, M.D. Attending Physician, Orthopaedics Department, National Taiwan University Hospital Hsin-Chu Branch
16:40-17:00	The use of mechanical engineering and biomechanics on medical applications Bing-Shiang Yang, Ph.D., P.E., Associate Professor, Department of Mechanical Engineering, National Chiao Tung University
17:00-17:20	Nanoparticles for sensitive bio-detection and bioimaging Dr. Tamotsu Zako Professor, Graduate School of Science and Engineering, Ehime University
17:20-17:40	Mechanical response of cellular solids Wen-Yea Jang, Ph.D. Assistant Professor, Department of Mechanical Engineering, National Chiao Tung University
17:40-17:50	Robotics technology in medical applications Dr. Hirohi Takemura Associate Professor, Department of Mechanical Engineering, Tokyo University of Science
17:50-18:00	Individualized Orthosis with integration of user's perspective and clinical prescription Mr. Penny Wen CEO, Breath Living Tech.

**March 5th, 2016****Venue:16th Floor Conference Hall (United Medical Building- Back Building), Taipei Medical University**

9:00-9:30	Registration
<b>Symposium D: Materials for Biomedical Applications</b>	
Chair: Akihiko KIKUCHI, TUS, Japan; Hsin-Cheng CHIU, NTHU, Taiwan	
9:30-9:50	Biomedical Photonics in the Second Biological Window Dr. Kohei SOGA Professor, Faculty of Industrial Science and Technology, Tokyo University of Science
9:50-10:10	Cellular Delivery of Therapeutics to Tumor Hypoxia Dr. Hsin-Cheng Chiu Professor, Department of Biomedical Engineering and Environmental Sciences, National Tsing Hua University
10:10-10:30	TBA Dr. Tsukasa TDKEUCHI Shimadzu Corporation
10:30-10:50	Preparation of thermoresponsive nanoparticles and their biomedical applications Dr. Akihiko KIKUCHI Professor, Faculty of Industrial Science and Technology, Tokyo University of Science
10:50-11:10	Break
<b>Symposium E: Metabolic Disease</b>	
Chair: Masayuki MATSUSHITA, U Ryukyus, Japan; Way-Wang, TMU, Taiwan	
11:10-11:40	Genetic study of type 2 diabetes in Japan Dr. Shiro MAEDA Professor, Faculty of Medicine, University of The ryukyus
11:40-12:10	Diverse Roles of Nitric Oxide Synthases - Lessons from Genetically Modified Mice Dr. Masato TSUTSUI Professor, Department of pharmacology, University of The ryukyus
12:10-12:40	Nonalcoholic Fatty Liver Disease in Morbidly Obese Patients Undergoing Bariatric Surgery Dr. Wei-Yu Kao Teacher, School of medicine, Taipei Medical University
12:40-12:50	Closing Remark Dr. Hidehiro Kishimoto (Graduate School of Medicine, Universitu of the Ryukyus) Dr. Masayuki Matsushita (Dean, Graduate School of Medicine, Universitu of the Ryukyus)