The 2nd CMU-HU Joint Symposium

Date: September 3, 2019

Venue: Conference Hall, Cancer Center Building, China Medical University Hospital

8:00~8:20	Registration
8:20~8:30	Welcome Remarks and Group Photo President Mien-Chie Hung, *China Medical University* Vice Dean Shigetsugu Hatakeama, *Hokkaido University*
8:30~10:35	**Session 1. Cancer** *Moderator: Director Shao-Chun Wang (Center of Excellence for Tumor Medical Science, China Medical University)* **(1) 8:30~8:55** **Marker-Guided Target Therapy, PARP and EGFR Inhibitors, and Development of Effective Immune Checkpoint Therapy** *President Mien-Chie Hung (China Medical University)* **(2) 8:55~9:20** **Engineered Hydrogels for Rapid Induction of Cancer Stem Cells** *Professor Shinya Tanaka (Department of Cancer Pathology, Faculty of Medicine, Hokkaido University)* **(3) 9:20~9:45** *Vice President Lu-Hai Wang (China Medical University)* **(4) 9:45~10:10** **Clinical Application of Next Generation Sequencing for Precision Medicine** *Director Jan-Gowth Chang (Vice Superintendent, China Medical University)* **(5) 10:10~10:35** **Glycosylation-Dependent PD-L1 Accumulation on Cancer Stem Cells Promotes Immune Evasion** *Dr. Jung-Mao Hsu (Graduate Institute of Biomedical Sciences, China Medical University)*
10:35~10:50	**Tea Break**
10:50~12:05	**Session 2. Cell Therapy** *Moderator: Dean Liang-Yo Yang (Office of Global Affairs, China Medical University)* **(1) 10:50~11:15** **Multiple Carcinoma Targetable CAR for Immune Cell Therapy** *Dr. Shao-Chih Chiu (Cell Therapy and Translation Research, China Medcial University Hospital)*

	(2) 11:15~11:40 **Amnion-Derived Mesenchymal Stem Cells** *Dr. Shunsuke Ohnishi (Department of Gastroenterology, Hokkaido University)* **(3) 11:40~12:05** **Evaluate the Treatment Efficacy of miRNA and TRAIL Dual Expression Vector Transduced Mesenchymal Stem Cells on Glioblastoma and Breast Cancer** *Dr. Fei-Ting Hsu (Department of Biological Science and Technology, China Medcial University)*
12:05~13:30	Lunch
13:30~15:10	**Session 3. AI** *Moderator: Deputy Superintendent Wu-Huei Hsu (Department of Internal Medicine, China Medical University Hospital)* **(1) 13:30~13:55** **How to Build a Smart Data Flow System for Medical Intelligent Application: CMUH Experience** *Dr. Chin-Chi Kuo (Deputy Director, Big Data Center, China Medical University Hospital)* **(2) 13:55~14:20** **Deep Learning in Radiology** *Dr. Kenji Hirata (Department of Nuclear Medicine, Hokkaido University)* **(3) 14:20~14:45** **Faster R-CNN in Prostate Cancer Bone Metastasis Identification on Pelvis using Whole Body Bone Scan with Small Database** *Chairman Da-Chuan Cheng (Department of Biomedical Imaging and Radiological Science, China Medical University)* **(4) 15:45~15:10** ‎ *Chairman Lun-Chien Lo (School of Chinese Medicine, China Medical University)*
15:10~15:25	**Tea Break**
15:25~16:40	**Session 4. 3D Printing** *Moderator: Dean Liang-Yo Yang (Office of Global Affairs, China Medical University)* **(1) 15:25~15:50** **Current Developments and Research Progress of 3D Printing Medical Center at China Medical University Hospital** *Deputy Director Yi-Wen Chen (3D Printing Medical Research Center, China*

	Medical University Hospital) **(2) 15:50~16:15** **Histories and Current Conditions in 3D Printer and Related Technology in Hokkaido University Hospital** *Dr. Kazuhiro Matsushita (Department of Oromaxillofacial Surgery, Hokkaido University)* **(3) 16:15~16:40** **CAS & PIEZO Facial Skeletal Surgery~ Efficiency, Precision and Safety** *Director Yuan-Chien Chen (Department of Dentistry, China Medical University Hospital)*
16:40~17:10	**Discussion on Future Collaboration**
17:30~	**Dinner**