2024 Stanford-Taiwan Symposium on iPSC and Regenerative Medicine: Bridging Basic Biology and Precision Medicine

美國史丹佛大學-高雄醫學大學-中央研究院共同舉辦: iPS 幹細胞與再生醫學國際研討會:從基礎研究到精準醫學

March 11th, 2024 (Monday), B1C Hall, IBMS, Academia Sinica, Taipei, Taiwan

Program Agenda	
08:30-09:00	Registration
Welcome & Opening	
09:00-9:15	Dr. Huey-Kang Sytwu (司徒惠康院長), NHRI President (Stanford alumnus) Mr. Eric Chen (陳建志董事長), KMU Chair of Trustees (Stanford alumnus)
Group Photo	
Keynote forum Chairs: Dr. Ming-Shiang Wu (吳明賢院長, NTUH); Dr. Tai-Horng Yang (楊台鴻教授, NTU-BME)	
09:20-09:50	Dr. Joseph Wu (吳慶明院士), Stanford-Cardiovascular Institute Stem cells & genomics: From precision medicine to clinical trial in dish
09:50-10:20	Dr. Yijuang Chern (陳儀莊教授), AS-IBMS Microglia Galectin-3 and neuroinflammation—with a specific focus on neurodegenerative diseases
Networking & Coffee Break 10:20-10:40	
Session 1: Basic and translational biology Chairs: Dr. Bon-Chu Chung (鍾邦柱院士, AS-IMB); Dr. Hong-Nerng Ho (何弘能教授, TMU)	
10:40-11:10	**Keynote Speech** Dr. Michael Snyder, Stanford-Genetics AI/ML/genomics to improve human health
11:10-11:30	Dr. Chen-Hui Chen (陳振輝教授), AS-ICOB How to regenerate just the right amount of tissue: Know-how from the zebrafish tailfin model
11:30-11:50	Dr. Sean Wu, Stanford-Cardiovascular Institute Single cell multi-omic approaches to understand heart development and disease (virtual)
11:50-12:10	Dr. James Zou, Stanford-Biomedical Data Science AI and regenerative medicine (virtual)
Lunch 12:10-13:30 (Tour NSTC/AS-IBMS iPSC core, meeting at B1C entrance at 12:30)	
Session 2: iPSC translation—Organoids, AI and drug development Chairs: Dr. John Yu (游正博教授, CGU/CGMC); Dr. Ruey-Bing Yang (楊瑞彬教授, AS-IBMS)	
13:30-13:50	Dr. Mark Mercola, Stanford-Medicine iPSC modeling of heart disease for drug discovery
13:50-14:10	Dr. Ying Chang (張瑛芝教授), AS-GRC (Stanford alumnus) Harnessing biomimetic materials to induce stemness in rare cells for rapid and reproducible organoid formation
14:10-14:30	Dr. Sung-Jan Lin (林頌然教授), NTU-BME Communication between internal stem cell niche and the external environment: insight from hair follicles
14:30-14:50	Dr. Jun-An Chen (陳俊安教授), AS-IMB Conducting the neuronal molecular symphony: Unveiling the interplay of NcRNA, epigenetics, and epitranscriptomics
Networking and Refreshment 14:50-15:20	
Session 3: Stem cell therapy-From animal model to clinical trial Chairs: Dr. Deng-Chyang Wu (吳登強副校長, KMU); Dr. Shiaw-Min Hwang (黃效民博士, U-Neuron)	
15:20-15:40	Dr. Phil Yang, Stanford-Medicine Translation of novel biologics for myocardial restoration
15:40-16:00	Dr. Shih-Hwa Chiou (邱士華教授), NYCU/TVGH and AS-GRC From bench to bedside- Application of iPSC-based technology on retinal diseases
16:00-16:20	Dr. Nazish Sayed, Stanford-Surgery The endothelium: a therapeutic target in cardiomyopathy?
16:20-16:40	Dr. Patrick Hsieh (謝清河教授), AS-IBMS Taiwan iPSC Bank for precision medicine and cell therapy
Closing Ceremony	
16:40-16:50	Dr. Joseph Wu (吳慶明院士), Stanford-CVI Dr. Chun-Yuh Yang (楊俊毓校長), KMU Dr. Patrick Hsieh (謝清河教授), AS-IBMS

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