

The 1st China Medical University - Kyoto University Joint Symposium

“Challenges from basic and clinical medicine for treatments of diseases”

Program

Date: December 20, 2023 (Wed) 9:30 – 20:00 (JST)

Venue: Inamori Hall, Shiran Kaikan

9:30-9:40 Opening Remarks

9:30-9:35 Nagahiro Minato (President, Kyoto University)

9:35-9:40 Mien-Chie Hung (President, China Medical University)

9:40-9:50 Photo Session

9:50-10:50 Presidential lecture

(Chair: Liang-Yo Yang and Hiroshi Kawamoto)

9:50-10:20 Nagahiro Minato (President, Kyoto University)

Aging of Immunity and Immunity in Aging

10:20-10:50 Mien-Chie Hung (President, China Medical University)

Markers-Guided Effective Therapy (MGET)

Session 1: Cancer

(Chair: Yuh-Pyng Sher and Takahiro Ito)

10:50-11:15 Yuh-Pyng Sher

Selective degradation of KRAS proteins for pancreatic cancer treatment

11:15-11:40 Takahiro Ito

Metabolic regulation of cell fates in cancer

11:40-13:00 Organizer meeting

Session 2: Stem cell and aging

(Chair: Oscar Kuang-Sheng Lee and Taiji Adachi)

13:00-13:25 Masatoshi Ohgushi

Exploring extraembryonic differentiation using primed human ESCs

13:25-13:50 Shih-Chieh Hung

Collagen binding peptide for mesenchymal stem cell regeneration medicine

13:50-14:15 Oscar Kuang-Sheng Lee

Mechanobiology of Stem Cells

14:15-14:40 Motoko Yanagita

Tertiary lymphoid tissue: an inflammatory microenvironment inhibiting kidney repair

14:40-15:00 Coffee Break

Session 3: Cell Therapy

(Chair: Long-Bin Jeng and Hiroshi Kawamoto)

15:00-15:25 Hiroshi Kawamoto

Regeneration of cytotoxic T lymphocytes from iPS cells: Development of “off-the-shelf T cells” for cell therapy targeting cancer and viral infection

15:25-15:50 Long-Bin Jeng

Potential applications of iPSC-derived therapeutic strategy - current research in CMU

15:50-16:15 Der-Yang Cho

Allogeneic CAR-T Therapy for Solid Cancers

Session 4: Therapeutic strategy

(Chair: Shih-Chieh Hung and Jun Suzuki)

16:15-16:40 Jung-Mao Hsu

Identification of biomarkers, mechanisms and potential therapeutic targets for STING agonist resistance

16:40-17:05 Jun Suzuki

Unbiased screening approaches to identify factors involved in cellular and tissue renovation

Session 5: Data science

(Chair: Joseph Chin-Chi Kuo and Satoshi Morita)

17:05-17:30 Joseph Chin-Chi Kuo

Transforming Medical Big Data into a Healthcare Dataverse via Deep Data Cleaning

17:30-17:55 Shigemi Matsumoto

Enhancing the Collection and Application of Real-World Data in Japanese Clinical Oncology

17:55-18:20 Satoshi Morita

Is it worth synthesizing randomized and real-world data for exploring generalizability of treatment effects?

18:20-18:25 Closing Remarks

Yasuyuki Kono (Vice President, Kyoto University)

Mien-Chie Hung (President, China Medical University)

Venue: Yamauchi Hall, Shiran Kaikan

18:30-20:00 Banquet