

23rd IRCMS Symposium

Kumamoto University – National Taiwan University Joint Symposium on Biomedical Research

9:00-18:00 25th July 2024

IRCMS Lounge and Zoom Online

* We welcome participants from online as well!

Meeting ID: 978 4815 7523

Passcode: Sym240725



Speakers and Panelists:

National Taiwan University (NTU)

Yen-Hsuan Ni (College of Medicine)

Su-Yi Tsai (Department of Life Science)

Jian-Da Lin (Department of Biochemical Science)

Ruby Huang (School of Medicine)

Kumamoto University (KU)

Takeshi Momose (REISI)

Tomohiro Sawa (School of Medicine)

Akira Nakamura (IMEG)

Toru Takeo (CARD)

Hitoshi Takizawa (IRCMS)

Goro Sashida (IRCMS)

Yuichiro Arima (IRCMS)

Yuta Takahashi (IRCMS)

Rieko Asai (IRCMS)

Norika Liu (IRCMS)

Organized by Guojun Sheng (KU-IRCMS)
and Ruby Huang (NTU-School of Medicine)

Supported by Nazuki Doi, Ryunosuke Naito, Eichi Kiyonaga,
Nanako Watanabe and Hanami Sakai

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* Please see details on the other side.

Opening Remarks	Hitoshi Takizawa (IRCMS, Kumamoto University)	9:00-9:05
Session I (09:05-11:25) Chairperson: Yuta Takahashi (KU) and Su-Yi Tsai (NTU)		
Jian-Da Lin National Taiwan University	Unraveling Transkingdom Interactions in Atherosclerosis through Single-Cell	9:05-9:30
Hitoshi Takizawa Kumamoto University	Crosstalk between microbiome and hematopoiesis	9:30-9:55
Break (9:55-10:10)		
Ruby Huang Kumamoto University	Heterogeneity and plasticity of cell fate: spatial analysis of tissue and construction of 3D genome structures	10:10-10:35
Norika Liu Kumamoto University	Common mechanisms of hematopoiesis and cardiogenesis	10:35-11:00
Goro Sashida Kumamoto University	Chromatin modifier Hmga2 promotes hematopoietic stem cell function and blood regeneration in stress conditions	11:00-11:25
Break (11:25-14:40)		
Session II (14:40-17:00) Chairperson: Norika Liu (KU) and Jian-Da Lin (NTU)		
Yen-Hsuan Ni National Taiwan University	From dysbiosis to microbiome-based therapeutics	14:40-15:05
Yuta Takahashi Kumamoto University	Transgenerational inheritance of epigenetic signatures in mammals	15:05-15:30
Break (15:30-15:45)		
Su-Yi Tsai National Taiwan University	An RNA-Binding Protein in Heart Development and Disease	15:45-16:10
Rieko Asai Kumamoto University	A global cell movement initiates left-right asymmetry	16:10-16:35
Yuichiro Arima Kumamoto University	Mechanisms of Age-Related Disease Formation through Ketone Body Metabolism	16:35-17:00
Break (17:00-17:10)		
Round Table (17:10-18:00) Moderator: Guojun Sheng (KU) and Ruby Huang (TNU)		
Panelists: Hitoshi Takizawa (KU-IRCMS), Tomohiro Sawa (KU-School of Medicine), Akira Nakamura (KU-IMEG), Toru Takeo (KU-CARD), Takeshi Momose (KU-REISI), Yen-Hsuan Ni (NTU-College of Medicine)		17:10-18:00
Closing Remarks	Yen-Hsuan Ni (College of Medicine, National Taiwan University)	18:00-18:05

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