

# 22nd IRCMS Symposium on Hematopoietic and Tissue Homeostatic Regulation from the Perspective of Vascular Biology

Date and Time:

13:30-17:00(JST), 5th June 2024

Venue : Onsite and Online

(IRCMS Lounge, Kumamoto University and Zoom)

\* Please register for free via QR code



## Speakers:

Gou Young Koh (IBS/KAIST)

Yoshiaki Kubota (Keio University)

Yuichiro Arima (Kumamoto University)

Mayumi Hirayama (Kumamoto University)

Tomson Kosasih (Kumamoto University)

Norika Liu (Kumamoto University)

Organized by Goro Sashida and Rieko Asai

**Opening Remarks** **Goro Sashida (IRCMS, Kumamoto University)** 13:30-13:35

**Session I (13:35-14:20)** **Chairperson: Toshio Suda (IRCMS, Kumamoto University)**

**Gou Young Koh** Exploring novel lymphatics for brain clearance 13:35-14:20  
IBS/KAIST

Break (14:20-14:45)

**Session II (14:45-15:45)** **Chairperson: Rieko Asai (IRCMS, Kumamoto University)**

**Mayumi Hirayama** Haploinsufficiency of Tie2 in mutated blood cells suppresses angiogenesis in the bone marrow and inhibits the progression of MDS 14:45-15:00  
Kumamoto University

**Yuichiro Arima** The Glucose-Fatty Acid-Ketone Bodies Triangle Enhances Cardiac Metabolic Stress Resilience 15:00-15:15  
Kumamoto University

**Norika Liu** Exploring the role of macrophages in the heart development and aging 15:15-15:30  
Kumamoto University

**Tomson Kosasih** HSC heterogeneity in neonatal bone marrow 15:30-15:45  
Kumamoto University

Break (15:45-16:10)

**Session III (16:10-16:55)** **Chairperson: Hiroki Kurihara (IRCMS, Kumamoto University)**

**Yoshiaki Kubota** Angiocrine signaling in the bone development and repair 16:10-16:55  
Keio University

**Closing Remarks** **Hitoshi Takizawa (IRCMS, Kumamoto University)** 16:55-17:00

\* Please register for free via QR code



**Contact:**

IRCMS Administrative Office, Kumamoto University  
Email: [ircms@jimu.kumamoto-u.ac.jp](mailto:ircms@jimu.kumamoto-u.ac.jp)