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# Mini Symposium-on

# Normal Hematopoiesis and Transformation: Early Career Researchers Seminar

## Date & Time : 13:00-16:40 (JST), 15<sup>th</sup> February 2023 Venue : Onsite and Online (IRCMS Lounge, Kumamoto University and Zoom)

\* Please register for free via QR code



Organizers: Goro Sashida (IRCMS, Kumamoto University)



JSPS Core-to-Core Program A. Advanced Research Networks Integrative approach for normal and leukemic stem cells



#### Mini Symposium on Normal Hematopoiesis and Transformation: Early Career Researchers Seminar Date&Time: 13:00-16:40(JST), 15<sup>th</sup> February 2023 Venue: Onsite and Online

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Opening Remarks	Hitoshi Takizawa (IRCMS, Kumamoto University)	13:00-13:05
Early Career Researchers Sessi	on I : Cancer (13:05-14:05)	
Mayu Kawai IRCMS, Kumamoto University	Enhanced active sub-TAD formation induced by CBFβ-SMMHC-mediated transcriptional machinery	13:05-13:17
Jie Bai IRCMS, Kumamoto University	Understanding of Trisomy 8 hematopoietic stem cell regulation and transformation by using a new Trisomy 8 model	13:17-13:29
Mayumi Hirayama IRCMS, Kumamoto University	DDX41 is required for coordinating RNA splicing and transcriptional elongation.	13:29-13: 41
Mariko Morii IRCMS, Kumamoto University	TIF1β remodels chromatin and activates the oncogenic transcriptional program in BCR-ABL leukemic stem cells	13:41-13:53
Atsuko Yonemura IRCMS, Kumamoto University	Single-cell proteomic analysis of malignant ascites in gastric cancer	13:53-14:05
Keynote I (14:05-14:35)		
Daichi Inoue	Altered post-transcriptional regulation in malignant hematopoiesis	14:05-14:35

Foundation for Biomedical Research and Innovation at Kobe

Break (14:35-14:55)

### Early Career Researchers Session II : Normal Hematopoiesis (14:55-15:55)

Kenta Kikuchi IRCMS, Kumamoto University	Epigenetic regulation of dendritic cell differentiation and activation	14:55-15:07
Kiyoka Saito IRCMS, Kumamoto University	Lipoprotein metabolism mediates hematopoietic stem cell responses under acute anemic conditions	15:07-15:19
Alban Johansson IRCMS, Kumamoto University	Functional HSCs preferentially migrate to spleen during hematopoietic regeneration	15:19-15:31
Yuxin Wang IRCMS, Kumamoto University	Akkermansia Muciniphila induces delayed extramedullary hematopoiesis via innate immune signals	14:31-15:43
<b>Pui Yu Ho</b> IRCMS, Kumamoto University	Human MSC-derived bone organ improves self-renewal of transplanted human HSCs	15:43-15:55
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Break (15:55-16:00)

### Keynote II (16:00-16:30)

<b>Ai Kotani</b> The institute of medical sciences, Tokai University	Lesson fr	om Epstein Barr virus i	related Hematol	ogical Malignancy		16:00-16:30
Awards ceremony and closing rem	arks	Goro Sashida (IRCN	vIS, Kumamoto l	Jniversity)	/	16:30-16:40



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