International Joint Usage/Research Center

FY2023 Young Researchers Symposium

Development of omics study to reveal disease progression

Date & Time **Monday, March 18th, 2024 13:00~17:10**

Venue **IMSUT Auditorium** **＊No Pre-registration is required.**

Opening Remarks (13:00-13:05)

Makoto Nakanishi (Dean, IMSUT)

Session 1: Genomic study to shape disease mechanisms (13:05-13:55)(Chair: Susumu Goyama)

Inferred Trajectories of Clonal Expansion in Paroxysmal Nocturnal Hemoglobinuria (20+5min)
Hiroyuki Takamori (IMSUT)

Pan-cancer comparative and integrative analyses of driver alterations using Japanese and international genomic databases (20+5min)
Yuki Saito (Keio University)

Special Lecture 1 (13:55-14:25)(Chair: Satoshi Yamazaki)

In vivo fate mapping of hematopoietic stem cells in steady state human hematopoiesis (25+5min)
Tetsuichi Yoshizato (Karolinska Institute)

Coffee Break (14:25-14:40)

Session 2: Multiomics analysis and cancer pathogenesis (14:40-15:30)(Cair: Natsuhiko Kumasaka)

Multilayered molecular interactions underlying glioblastoma pathogenesis revealed by multi-omics analysis (20+5min)
Takuma Nakajima (National Cancer Center)

A multi-omics analysis revealed NECTIN4 as a potential predictive marker of precision therapy in bladder cancer (20+5min)
Ryoichi Maenosono (National Cancer Center)

Session 3: Hematological malignancy (15:30-16:20)(Chair: Takaaki Konuma)

HDAC7 is a potential therapeutic target in AEL (20+5min)
Wenyu Zhang (FS, Tokyo University)

Single-cell and spatial multiomics profiling unveils distinct follicular T-cell subsets that regulate biological and clinical lymphoma fates (20+5min)
Yoshiaki Abe (Tsukuba University)

Coffee Break (16:20-16:35)

Special Lecture 2 (16:35-17:05)(Chair: Yasuhito Nannya)

Multi-omics insights into the pathogenesis of SF3B1-mutant myelodysplastic syndromes (25+5min)
Pedro Maura (Karolinska Institute)

Closing Remarks (17:05-17:10)

Yasuhito Nannya (IMSUT)