

PROGRAM

08:50 Registration Open

09:20 Welcome & Opening Remarks

Dr. Fuyuki Ishikawa (Dean, Graduate School of Biostudies, KU)

Session I (Invited Talk-1)

09:30 Melanopsin expressing retinal ganglion cells involved in light adaptation through axonal connection on dopaminergic amacrine cells

Dr. Shih-Kuo Chen (Department of Life Science, NTU)

10:00 Live imaging of the Golgi apparatus in *Saccharomyces cerevisiae*

Dr. Yasuyuki Suda (Faculty of Medicine, U Tsukuba)

10:30 Dynamics and diversity of intracellular ATP

Dr. Hiromi Imamura (Graduate School of Biostudies, Kyoto U)

< Break >

Session II (Oral Presentation-1)

11:10 Emerging roles for human topoisomerase 3 α in tumorigenesis suppression via transcription regulation

Wei-Chung Yu (Department and Graduate Institute of Microbiology, NTU)

11:30 Complement factor 5 deficiency leads to defects in insulin receptor processing and severe systemic insulin resistance

Takuya Kikuchi (School of Integrative and Global Majors (SIGMA), U Tsukuba)

11:50 Kinesin-5 contributes to spindle length scaling in cancer cells

Wan-Yu Tsai (NTU)

12:10 Cell mechanics underlying nuclear translocation of migrating neurons

Hiroki Umeshima (Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto U)

< Lunch Break >

Session III (Oral Presentation-2)

- 13:30 Cell death during crisis is mediated by mitotic telomere deprotection
Makoto T Hayashi (Graduate School of Biostudies, Kyoto U)
- 13:50 Inhibition of JNK Potentiates Temozolomide-induced Cytotoxicity in U87MG Glioblastoma Cells via Suppression of Akt Phosphorylation
Van Anh Vo (School of Medicine, Kangwon National University)
- 14:10 The mRNA recapping pathway in protozoan parasites
Anna V. Ignatochkina (Graduate School of Comprehensive Human studies, U Tsukuba)
- 14:30 Revealing the adaptations of hypersaline in the two novel halotolerant bacteria through comparative genomics
Yan-Huey Chen (Department of Horticulture, NTU)

< Break >

Session IV (Invited Talk-2)

- 15:00 Microfluidics Design for Unmet Medical Needs
Dr. Han-Yi Chou (Graduate Institute of Oral Biology, NTU)
- 15:30 Cytoplasmic viral RNA sensors: RIG-I like receptors
Dr. Hiroki Kato (Institute for Virus Research, Kyoto U)
- 16:00 Genomic Plasticity and Specificity of Chromatin Epigenetic Factors in Biology and Disease
Dr. Tsai-Kun Li (College of Medicine, Center for Biotechnology, NTU)

< Group Photo >

< Break >

16:30 Poster Session

19:00 Banquet, Presentation Awards