

Posters

- Poster-1 **Sequential Multicolor Pulse-Chase Imaging of Protein Dynamics in Extracellular Matrix in Living Fibroblasts**
Harumi Ito (RIKEN Center for Life Science Technologies)
- Poster-2 **Mapping the ECM specific to the sites of inter-tissue interactions in the hair follicle**
Ko Tsutsui (RIKEN Center for Developmental Biology)
- Poster-3 **Combined STED nanoscopy and enzymatic labeling to study the fine organization and dynamics of neuronal organelles across distinct neuronal compartment**
Giovanna Coceano (KTH Royal Institute of Technology/Science for Life Laboratory)
- Poster-4 **Harnessing the CRISPR/Cas9 system in mouse genetic engineering**
Takaya Abe (RIKEN Center for Life Science Technologies)
- Poster-5 **Translating the fetal heart gene expression program to adult heart failure-tissue by spatial transcriptomics**
Michaela Asp (SciLifeLab, KTH Royal Institute of Technology)
- Poster-6 **Genetic screen to identify factors that give resistance to cancer, obesity and aging**
Hiroshi Nishida (RIKEN Institute Laboratories)
- Poster-7 **Nicotinic cholinergic regulation of early sensory processing in primary auditory cortex**
Hideki Kawai (Soka University)
- Poster-8 **Intrinsic μ opioid system in medial prefrontal cortex modulates placebo analgesia in rats**
Ying Zeng (RIKEN Center for Life Science Technologies)
- Poster-9 **Small-animal neuroimaging analysis of the pain matrix in visceral pain model rats**
Tianliang Huang (RIKEN Center for Life Science Technologies)
- Poster-10 **In vivo imaging of cancer microenvironment using fiber-bundle based micro-endoscope**
Sally Danno (RIKEN Center for Life Science Technologies)
- Poster-11 **Molecular renovation strategy: A novel synthetic methodology for expeditious development of molecular probes**
Takashi Niwa (RIKEN Center for Life Science Technologies)

- Poster-12 **Palladium-Mediated Rapid ^{11}C -Cyanation of (Hetero)Arylborons and its Application for Syntheses of ^{11}C -Labeled PET Tracers**
Zhouen Zhang (RIKEN Center for Life Science Technologies)
- Poster-13 **PET imaging based pharmacokinetic analysis of ^{18}F -Pitavastatin in rats**
Takayoshi Nakaoka (RIKEN Center for Life Science Technologies)
- Poster-14 **PET Study on [^{11}C]Thiamine and [^{11}C]Fursultiamine for In Vivo Molecular Imaging of Vitamin B₁**
Hiromichi Sugimoto (Takeda Consumer Healthcare Company Limited)
- Poster-15 **Solubility-Improved 10-O-Substituted SN-38 Derivatives with Antitumor Activity**
Tatsuya Kida (RIKEN Center for Life Science Technologies)
- Poster-16 **Molecular tools for analysis of drug binding characteristics**
Rasel A Al-Amin (Uppsala University)
- Poster-17 **Structural and biochemical studies on inhibitors against FAD-dependent histone lysine demethylases**
Hideaki Niwa (RIKEN Center for Life Science Technologies)
- Poster-18 **New Chemical Biology Tools for the Detection of Metabolic Cancer Biomarkers**
Louis Conway (Uppsala University)
- Poster-19 **Development of new diagnostic biomarkers for Chronic Fatigue Syndrome using metabolome analysis**
Emi YAMANO (RIKEN Compass to Healthy Life Research Complex Program)
- Poster-20 **Host proteome in HIV-1 natural control**
Wang Zhang (Karolinska Institutet)
- Poster-21 **Polysome-profiling in small tissue samples**
Shuo Liang (Science for Life Laboratory/Karolinska Institutet)
- Poster-22 **Membrane Composition as Risk Factor in Alzheimer's disease**
Neha Sharma (Japan Advanced Institute of Science and Technology)
- Poster-23 **Identification of RNA polymerase I inhibitors among FDA-approved drugs using a cell-based high-content screening**
Jaime Espinoza (Karolinska Institutet, SciLifeLab)

- Poster-24 **Oligomeric ubiquitylation by the RNF52 domain of BRCA1-associated protein 2**
Shisako Shoji (RIKEN Center for Life Science Technologies)
- Poster-25 **The activation mechanism of a circularly permuted GTPase, RsgA in the ribosome**
Chie Takemoto (RIKEN Center for Life Science Technologies)
- Poster-26 **Crystal structure of eukaryotic translation initiation factor 2B (eIF2B)**
Kazuhiro Kashiwagi (RIKEN Center for Life Science Technologies)
- Poster-27 **DNA sequencing & genome informatics in RIKEN Kobe: how technical support and original research have coexisted in a lab**
Shigehiro Kuraku (RIKEN Center for Life Science Technologies)
- Poster-28 **Droplet barcode sequencing for linked-read haplotyping of single HLA alleles**
David Redin (KTH Royal Institute of Technology/Science for Life Laboratory)
- Poster-29 **Increased switch dynamics of in vitro synthesized mRNA using modified rNTP nucleosides**
Callum Parr (RIKEN Center for Life Science Technologies)
- Poster-30 **A two-step mechanism for recurrent somatic copy number alteration in APC mutant tumours**
Taisaku Nogi (RIKEN Center for Life Science Technologies)
- Poster-31 **RUNX1 regulates site specificity of DNA demethylation by recruitment of DNA demethylation machineries in hematopoietic cells**
Takahiro Suzuki (RIKEN Center for Life Science Technologies)
- Poster-32 **Mapping Combinatorial Epigenetic Modifications at Single Nucleosome Resolution**
Jen-Chien Chang (RIKEN Center for Life Science Technologies)
- Poster-33 **High-Resolution Characterization of Drug-Induced Cellular Response**
Andrew Kwon (RIKEN Center for Life Science Technologies)
- Poster-34 **Genetic Diagnosis for Influenza virus and CPT2 genotyping using SmartAmp method**
Yuki Tanaka (RIKEN Center for Life Science Technology)
- Poster-35 **Functional annotation of long non-coding RNAs in FANTOM6**
Ramilowski Jordan (RIKEN Center for Life Science Technologies)

- Poster-36 **Functional lncRNAs in Hepatocellular Carcinoma**
Jonas Søndergaard (Science for Life Laboratory)
- Poster-37 **The FANTOM5 integrated expression atlas of miRNAs and their promoters**
De Hoon Michiel De Hoon (RIKEN Center for Life Science Technologies)
- Poster-38 **Development of in vivo evaluation systems for novel non-coding RNA, SINEUP, to enhance translation level of target genes as a nucleic acid medicine**
Kazuhiro Nitta (RIKEN Center for Life Science Technologies)
- Poster-39 **Whole transcriptome analysis of thousands of single cells with nanoCAGE and CAGEscan**
Stephane Poulain (RIKEN Center for Life Science Technologies)
- Poster-40 **Transcriptome profiling of liver sinusoidal endothelial cells and hepatocytes during liver regeneration by CAGE analysis**
Xian-Yang Qin (RIKEN Center for Life Science Technologies)
- Poster-41 **Characterizing the oscillating transcriptome over the cell cycle**
Johan Bostrom (Karolinska Institutet/Science for Life Laboratory)
- Poster-42 **Analysis of retrotransposition in neurodegenerative disorders**
Giovanni Pascarella (RIKEN Center for Life Science Technologies)