

No.	Name	Institutional Affiliation	Title
P1	Chu Guo	Department of Molecular Brain Science, Graduate School of Medical Sciences, Kumamoto University	Evaluation of L1 retrotransposition activity in novel reporter mice harboring human L1 lacking a YY1 binding site at 5'UTR
P2	Risa Watanabe	Icahn School of Medicine at Mount Sinai	Distinctive regulation of transposable elements in the human brain
P3	Mio Kojima	Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu Univ.	Histone Demethylase Activity of UTX contributes to the Sexual Spectrum by the Epigenetic regulation of steroidogenesis
P4	Sho Maruyama	Matsumoto University	Role of histone variant H3.3 and its modifications in skeletal muscle aging of male mice
P5	Kai Otsuka	Department of Science and Technology, Tokyo University of Science	The function of KRAB zinc-finger proteins in murine spermatogenesis.
P6	George J. Watase	Kumamoto University	Ribosomal DNA copy number maintenance and germline immortality
P7	Shin Fujimaki	IMEG, Kumamoto Univ.	Vascular-mediated regulation of skeletal muscle mass
P8	Fuminori Kawano	Matsumoto University	Exercise-induced H3K27me3 in skeletal muscle: Its role for the adaptation to exercise training and the involvement of EZH1
P9	Aya Yoshida	Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University, Japan	Expression of CDYL2 contributes to the differentiation potential of aged spermatogonial stem cells
P10	Kenta Kudo	Department of Genomic Neurology	Higher-order structures of repeat nucleic acids in the neurological disorder CANVAS.
P11	Miyuki Inoue-Mochita	IMEG, Kumamoto University	The effect of LSD1 inhibitor to metabolic enzymes of serine-glycine pathway in human conjunctival fibroblast cells
P12	Asato Sekiya	Department of Trophoblast Research, IMEG, Kumamoto Univers	Derivation of human yolk sac organoids
P13	Yasushi Yabuki	Department of Genomic Neurology, Institute of Molecular Embryology and Genetics, Kumamoto University	RNA G-quadruplexes forming scaffolds for neuropathological $\alpha$ -synuclein aggregation.
P14	Mitsuhiro Endoh	Institute of Molecular Embryology and Genetics (IMEG)	Non-canonical PRC1 deposits H2AK119ub1 on active genes, priming them for silencing to drive pluripotent cell differentiation
P15	Kazuya Matsuo	Institute of Molecular Embryology and Genetics, Kumamoto University	Potential role of myelin basic protein in epigenetic regulation based on the histone barcode hypothesis
P16	Ginji Komiya	Institute of Molecular Embryology and Genetics	RNA G-quadruplexes initiates Tau sol-gel phase transition in vitro
P17	Yutaro Yanagida	Department of Molecular Brain Science, Graduate School of Medical Sciences, Kumamoto University	Identification of CpG sites with sex-associated methylation using blood cell type-specific data based on whole genome bisulfite sequencing
P18	BILLAH Mohammad Mustakim	Molecular Brain Science, Graduate School of Medical Sciences, Kumamoto University	Exploration of altered DNA methylation in a chronic social defeat mice model to elucidate the underlying epigenetic mechanism of major depression
P19	Miho Matsuda	Kyushu University	A 5.1-kb Deletion at the X-linked ARHGAP36 Gene Locus Is Linked to the Orange Coat Coloration of Tortoiseshell and Calico Cats
P20	Hiroyuki Sasaki	Kyushu University	The ARHGAP36 Gene Responsible for Orange Coat Coloration in Cats Undergoes X Chromosome Inactivation and Methylation in Multiple Mammalian Species
P21	Satoshi Watanabe	International Research Center for Medical Sciences, Kumamoto University	Induction and transgenerational inheritance of epigenetic signatures at CpG islands in mice
P22	Karin Hori	Institute of Molecular Embryology and Genetics	Epigenetics for identification of neuronal dysfunction in ATR-X syndrome.
P23	KI-SEOK LEE	Dept of Cell Modulation, IMEG, Kumamoto University	Molecular characterization of Microglia in Niemann-pick disease type C model mouse
P24	Saori Morino-Koga	Kumamoto University	The changes in signaling molecules necessary for the developmental process of hematopoietic stem cells
P25	Daisuke Inoue	IMEG	Tonicity drives collecting duct maturation in the mammalian kidney
P26	Kenta Kinjo	Department of Genomic Neurology, Institute of Molecular Embryology and Genetics	Therapeutic targeting expanded DNA using pyrrole-imidazole polyamide in repeat neurological diseases.
P27	Shubing LI	Graduate School of Brain Sciences, Tamagawa University	Relationship between childhood adversity and DNA methylation in adults
P28	Mariko Tsuruda	Institute of Molecular Embryology and Genetics	Induction of hematopoietic stem cells from embryonic early hemogenic endothelial cells in culture
P29	Mina Yamane	The University of Tokyo	In vivo Amyloid-Disrupting Organocatalysis for Transthyretin Amyloidosis
P30	Akira Matsuo	IMEG, Kumamoto University	Dedifferentiated basal cells serve as reserve stem cells and cells of origin of cancer
P31	Ryuichi Kimura	Institute of Resource Development and Analysis	Photo-isolation chemistry—a frontier of spatial transcriptomics
P32	Shinya Oki	Kumamoto University	ChIP-Atlas 3.0: a data-mining suite to explore chromosome architecture with large-scale regulome data
P33	Zhaonan Zou	Institute of Resource Development and Analysis, Kumamoto University	Elucidating drug MoAs using ChIP-Atlas
P34	Tomonari Miyatake	Department of Molecular Brain Science, Graduate School of Medicine, Kumamoto University	Evaluation of retrotransposition-capable L1 expression in human postmortem brain using MORE-RNAseq
P35	Keiya Akamie	Kumamoto University	Evaluation of LINE-1 retrotransposition activity in the testes of aged L1EGFP mice: a preliminary study
P36	Supannika Sorin	Laboratory of Transcriptional Regulation in Leukemogenesis, IRCMS	Chromatin modifier HMGA2 regulates megakaryocyte differentiation via ITGA2/ITGB1 activation
P37	Hironori Abe	IMEG, Kumamoto University	Sex chromosome-specific epigenetic regulation in male meiosis
P38	Kazuko Hanyu-Nakamura	IMEG, Kumamoto University	The Drosophila PGC-1 homolog, Spargel, is required for germ granule assembly during oogenesis.
P39	Satoshi Tateishi	IMEG, Kumamoto Univ.	Mechanism for Prevention of UV-Induced Skin Cancer by Chk2
P40	Tomoaki Koga	IMEG, Kumamoto University	Epigenetic regulation of macrophage polarization