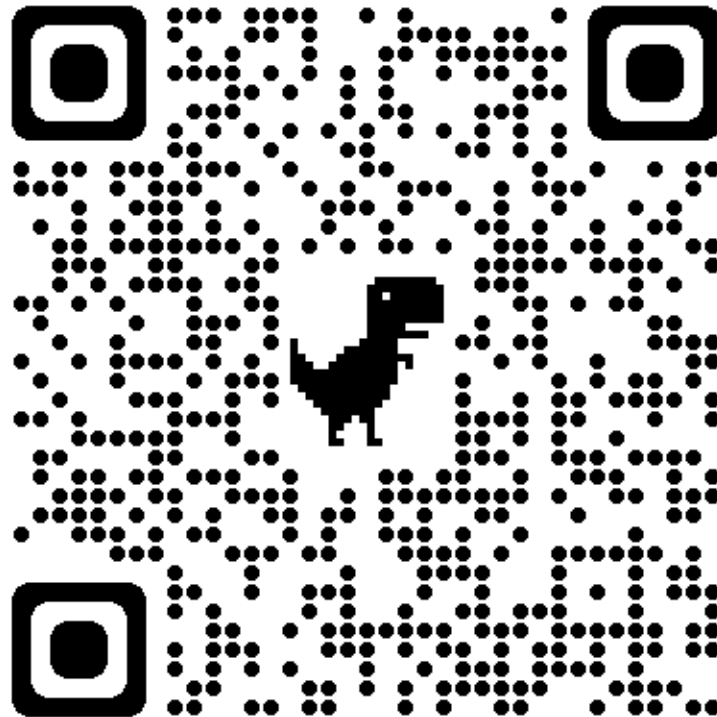


Salon 2023 Poster & Oral Titles

Sep 27-29th 17:00-20:00



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Poster Title 2023/9/27

ID	Title	Presenter	Position	Affiliation
1	Exploration of the regulation mechanism of tumor-suppressive cell competition mediated by interorgan communication.	Shino Ihara	undergraduate student	Department of Pharmacy, Graduate school and Faculty of Pharmaceutical Sciences
2	CDKN3 inhibition enhances the antitumor effect of paclitaxel by promoting abnormal mitosis of cancer cells	Shigeki Kataoka	PhD/Master student	Department of Therapeutic Oncology, Graduate school of Medicine and Faculty of Medicine
3	Optimizing the production of metal radionuclide-labeled PET imaging agents for clinical use	Yoichi Shimizu	non-PI faculty	Department of Diagnostic Imaging and Nuclear Medicine, Graduate school of Medicine and Faculty of Medicine
4	A scalp dose threshold for preventing permanent alopecia in scalp-avoidance whole-brain irradiation with volumetric-modulated arc radiotherapy (SAWB-VMAT) for pediatric patients with medulloblastomas	Daichi Torizuka	PhD/Master student	Department of Radiation Oncology and Image-Applied Therapy, Graduate school of Medicine and Faculty of Medicine
5	Overview of the development of integrated infrastructure for biobanks at Kyoto University Hospital CBRC and the utilization of biospecimens and accompanying clinical and quality information resources for clinical research during these 10 years	Osamu Kikuchi	non-PI faculty	Clinical Bioresource Center, Kyoto University Hospital
6	Bacteriophage-mediated horizontal transfer of antibiotic resistance genes in natural aquatic environments	Yuuki Tagishi	PhD/Master student	Department of Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
7	Trifluridine/Tipiracil and WEE1 inhibitor combination is an effective and tolerable candidate strategy against ESCC	Hoang trang Nguyen vu	PhD/Master student	Department of Clinical Oncology, Graduate school of Medicine and Faculty of Medicine
8	ENHANCED CHONDROGENIC DIFFERENTIATION OF IPS CELL-DERIVED MESENCHYMAL STEM/STROMAL CELLS VIA NEURAL CREST CELL INDUCTION FOR HYALINE CARTILAGE REPAIR	Denise Zujur	non-PI faculty	Department of Clinical Applications, Center for iPS Cell Research and Application CiRA
9	Elucidation of HHEX in pancreatic endoderm differentiation using a human iPSC differentiation model	Ryo Ito	PhD/Master student	Osafune Laboratory, Center for iPS Cell Research and Application CiRA
10	Extracellular Vesicles as a Drug Delivery System to Target Tumor Metabolism Kinase	Mona Sheta	non-PI faculty	Department of Life Science Frontiers, Center for iPS Cell Research and Application CiRA
11	The validation of enzyme suppliable cell therapy using gene repaired iPS cells derived from Pompe disease patients and reproduction of enzyme supplied model in vitro	Yuma Hirano	PhD/Master student	Department of Clinical Application, Center for iPS Cell Research and Application CiRA
12	Comparison of variable selection methods in clinical prediction model development: a preliminary consideration for validation using a prospective database	Yasukazu Hijikata	non-PI faculty	Department of Healthcare Epidemiology, Graduate school of Medicine and Faculty of Medicine
13	Deterioration of phagocytosis in induced pluripotent stem cell-derived retinal pigment epithelial cells established from patients with retinitis pigmentosa carrying Mer tyrosine kinase mutations	Miho Tagawa	PhD/Master student	Department of Ophthalmology and Visual Sciences Kyoto University Graduate School of Medicine, Graduate school of Medicine and Faculty of Medicine
14	A novel optical imaging strategy to analyze HIF activity in non-cancerous stroma cells infiltrating tumor tissues	Meihui Wang	PhD/Master student	Laboratory of Cancer Cell Biology, Graduate school of Biostudies

ID	Title	Presenter	Position	Affiliation
15	Segmentation of Tumor-related Vessels on Ultrafast DCE MRI using U-Net	Hina Hashimoto	PhD/Master student	Department of Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
16	Hemopexins Relationship with Muscle Quality and Cognitive Function in Older Adults with Cognitive Impairment	Derong Zeng	PhD/Master student	Department of Home medicine and dementia, Graduate school of Medicine and Faculty of Medicine
17	Homeostatic maintenance by epithelial cell and macrophage interactions	Masato Enomoto	non-PI faculty	Laboratory of Genetics, Graduate school of Biostudies
18	Isolation of epitope mimetic peptide targeting pathogenic B cells using NOD mouse model	Hayato Matsumoto	PhD/Master student	Nonaka Laboratory, Department of Basic Laboratory Science, Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
19	Functional analysis of transmembrane protein 41B in SARS-CoV-2 infection	Renxing Yi	PhD/Master student	Takayama Laboratory, Center for iPS Cell Research and Application CiRA
20	Fatty acid oxidation in CD8+ T cells prevents terminally exhaustion and increases anti-tumor immunity	Koji Kitaoka	PhD/Master student	Department of Immunology and Genomic Medicine, CCII, Graduate school of Medicine and Faculty of Medicine
21	Mechanism analysis of peptides that activate Gα13	Park Yonghak	PhD/Master student	Department of Mammalian Regulatory Network / Laboratory of Cell Division and Differentiation, Graduate school of Biostudies
22	Epithelial development of the urinary collecting system in the human embryo	Marie ange Saizonou	PhD/Master student	Department of Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
23	Bactericidal activities against carbapenemase NDM-1-producing Escherichia coli in combination with the plant-fermented food extracts and carbapenem antibiotics	Mio Nanjo	PhD/Master student	Department of Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
24	Spatiotemporal analysis of cell competition by ex vivo live imaging	Asuka Kido	undergraduate student	Laboratory of Genetics, Graduate school and Faculty of Pharmaceutical Sciences
25	Analysis of the control mechanism of ribosomal protein amount in Drosophila	Daiki Kitamura	PhD/Master student	Genetics, Graduate school of Biostudies
26	Analysis of the Regulatory Mechanisms of Aging-responsible Cells Present in the Drosophila Intestine	Yuri Hirai	PhD/Master student	Laboratory of Genetics, Graduate school and Faculty of Pharmaceutical Sciences
27	Regulation of cell competition by ribosome.	Hiroshi Kanda	non-PI faculty	Department of Genetics, Graduate school of Biostudies
28	A genetic screen for core mechanism and physiological triggers of cell competition	Ryo Matsumoto	PhD/Master student	Department of Genetics, Graduate school of Biostudies
29	Dynamic analysis of MLL fusion protein in acute myeloid leukemia cells using proximity labeling technique	Gohei Nishibuchi	non-PI faculty	Laboratory for Stem Cell Genetics, Institute for Life and Medical sciences LiMe
30	Integrated stress response drives non-autonomous progression of Ras-activated tumors	Kiichiro Taniguchi	non-PI faculty	Laboratory of Genetics, Graduate school of Biostudies
31	MITF represses neural genes to specify melanocytes	Akinori Kawakami	non-PI faculty	Department of Dermatology, Graduate school of Medicine and Faculty of Medicine
32	Genetic analysis of "aging-signal network" originating from the gut	Koki Yamada	PhD/Master student	Department of Genetics, Graduate school and Faculty of Pharmaceutical Sciences
33	Genetic screen for the mechanism of Hippo-induced supercompetition	Saki Fujimoto	PhD/Master student	Department of Genetics, Graduate school of Biostudies

ID	Title	Presenter	Position	Affiliation
34	Exploring the physiological cell competition in Drosophila	Mai Nakamura	non-PI faculty	Department of Genetics, Graduate school of Biostudies
35	A genetic analysis for new regulators of tumor-suppressive cell competition	Zuio Baku	PhD/Master student	Laboratory of Genetics, Graduate school of Biostudies
36	Regulation of tumor-suppressive cell competition by endosomal protein recycling pathway	Bungo Kakemura	PhD/Master student	Laboratory of Genetics, Graduate school of Biostudies
37	A role of Mahjong in "contact inhibition of protein synthesis"	Naoka Shiratsuchi	PhD/Master student	Department of Molecular Oncology, Graduate school of Medicine and Faculty of Medicine
38	Extracellular dynamics of EGFR ligands dictate the mode of intercellular communication	Eriko Deguchi	PhD/Master student	Department of Pathology and Biology of Diseases, Graduate school of Medicine and Faculty of Medicine
39	WIN18,446 enhances spermatogonial stem cell homing and fertility after germ cell transplantation by increasing permeability of the blood-testis barrier.	Hiroko Morimoto	PhD/Master student	Department of Molecular Genetics, Graduate school of Medicine and Faculty of Medicine
40	Comprehensive miRNA Expression Profiling in Young and Aged Hematopoietic Stem Cells	Jung Chen	PhD/Master student	Hirohide Saito Laboratory, Center for iPS Cell Research and Application CiRA
41	Vinculin-talin pre-complexes flow over mature focal adhesions without tension	Liu Ying	PhD/Master student	Laboratory of Single-Molecule Cell Biology, Graduate school of Biostudies
42	Dissecting the heterogeneity of ex vivo expanded mouse hematopoietic stem cells with miRNA switches	Hiroki Ono	non-PI faculty	Department of Life Science Frontiers, Center for iPS Cell Research and Application CiRA
43	3D structure of midgut loop with mesentery: from physiological umbilical hernia to returning	Nanase Ishida	PhD/Master student	Department of Human Health Science, Laboratory of Human Morphogenesis, Graduate school of Medicine and Faculty of Medicine
44	Regulation of pluripotency by interaction of bFGF with integrin	Yu-Shen Cheng	undergraduate student	Nakagawa Laboratory, Graduate school of Medicine and Faculty of Medicine
45	Radial glial lyso-phosphatidylglucoside (LysoPtdGlc) acts as a chemoattractant cue for cerebellar granule cells migration	Linchi Chen	PhD/Master student	Laboratory of Brain Development and Regeneration, Graduate school of Biostudies
46	A model for in vitro oogenesis under a defined condition from mouse pluripotent stem cells	Yoshiaki Nosaka	non-PI faculty	Department of anatomy and cell biology, Graduate school of Medicine and Faculty of Medicine
47	Quantitative analysis of Paxillin dynamics measured by live-cell fluorescence single-molecule speckle (SiMS) microscopy	Yating Yang	PhD/Master student	Department of Pharmacology, Graduate school of Medicine and Faculty of Medicine
48	ACE2 knockout hinders SARS-CoV-2 propagation in iPS cell-derived airway and alveolar epithelial cells	Ryo Niwa	PhD/Master student	Woltjen Laboratory, Center for iPS Cell Research and Application CiRA
49	Comparison in size between left and right-sided main arteries and veins	Shoichi Nakai	PhD/Master student	Department of Medicine, Human Health Science, Laboratory of Pathology(Human Morphogenesis), Graduate school of Medicine and Faculty of Medicine
50	Effects of anesthesia on organization of direction and orientation selectivity in the superior colliculus	Masatoshi Kasai	non-PI faculty	Department of Neuroscience, Graduate school of Medicine and Faculty of Medicine
51	Dynamic striatal pathway-specific nuclear ERK phosphorylation encodes histories of goal-directed behavior.	Hiroki Yagi	non-PI faculty	Department of Biological Sciences, Graduate school of Medicine and Faculty of Medicine
52	Progranulin enhances neurite elongation along the corticospinal tract from transplanted human iPS cell-derived cerebral organoids	Keitaro Yamagami	undergraduate student	Department of Clinical Application/ Jun Takahashi Laboratory, Center for iPS Cell Research and Application CiRA

ID	Title	Presenter	Position	Affiliation
53	Zooming into synapse-astrocyte interaction using advanced microscopy techniques	Misa Arizono	non-PI faculty	Department of Pharmacology, Graduate school of Medicine and Faculty of Medicine
54	Pharmacological characterization of lyso-thiosquarylglucoside JA1, a synthetic candidate non-competitive antagonist of G protein-coupled receptor GPR55	Xianyue Huang	PhD/Master student	Laboratory of Brain development and regeneration, Graduate school of Biostudies
55	Pain sensitivity of a model mouse harboring a Nav1.9 mutation, the causative factor in familial episodic pain syndrome, is suppressed by a novel sodium channel inhibitor	Hiroko Okuda	non-PI faculty	Department of Molecular Biosciences, Graduate school of Medicine and Faculty of Medicine
56	Deep learning-based quantitative analysis for macaque hand dexterity	Yiping Sun	PhD/Master student	Department of Neuroscience, Graduate school of Medicine and Faculty of Medicine
57	Development of a new chiral resolution labeling reagent and application to separation of amyloid β fragment peptides with racemized and isomerized aspartic acid residues	Hideaki Kakeya	PI	Department of System Chemotherapy and Molecular Sciences, Graduate school and Faculty of Pharmaceutical Sciences
58	Identification of an asparagine synthetase inhibitor bisabosqual A as an anticancer seed	YanJun Pan	PhD/Master student	Division of Medicinal Frontier Sciences, Graduate school and Faculty of Pharmaceutical Sciences
59	Studies on 2-(1H-imidazol-4-yl)-1,3,4-oxadiazole scaffolds for pharmacological molecules	Yukai Sun	PhD/Master student	Department of System Chemotherapy and Molecular Sciences, Graduate school and Faculty of Pharmaceutical Sciences
60	A novel peptide C-terminal modification and its application to the synthesis of middle molecular cyclic peptides	Ai Koyama	PhD/Master student	Department of System Chemotherapy and Molecular Sciences, Graduate school and Faculty of Pharmaceutical Sciences
61	Screening and identification of anticancer lead compounds through a novel strategy targeting cancer stem cells	Kai Kodama	PhD/Master student	Department of System Chemotherapy and Molecular Sciences, Graduate school and Faculty of Pharmaceutical Sciences
62	Intramolecular Ynamide–Benzyne (3+2) Cycloadditions	Tsukasa Tawatari	PhD/Master student	Department of Synthetic Medicinal Chemistry, Graduate school and Faculty of Pharmaceutical Sciences
63	Synthesis and optical properties of helicene-fused xanthene dyes	Sorachi Miwa	PhD/Master student	Department of Synthetic Medicinal Chemistry, Graduate school and Faculty of Pharmaceutical Sciences
64	Chromic Properties of Hydroxyfluoranthenes	Kazuma Kurokawa	PhD/Master student	Department of Synthetic Chemistry, Graduate school and Faculty of Pharmaceutical Sciences
65	Structural basis for the multidrug resistance transporters of Candida - Toward eliminating nosocomial infections	Haruo Ogawa	non-PI faculty	Department of Structural Biology, Graduate school and Faculty of Pharmaceutical Sciences
66	Experienced curriculum examined in biographies of Kyoto University medical students	Fumitaka Tanemura	non-PI faculty	Department of Center for Medical Education and Internationalization, Graduate school of Medicine and Faculty of Medicine
67	Whole-genome sequencing analysis of IgG4-related disease in the Japanese population	Yuxun Zhang	PhD/Master student	Center for Genomic Medicine, Graduate School of Medicine, Graduate school of Medicine and Faculty of Medicine
68	Identification and mechanistic characterization of a factor mediating JNK-dependent cell death induction in cell competition	Yutaro Tsubono	PhD/Master student	Department of Genetics, Graduate school and Faculty of Pharmaceutical Sciences
69	Spatial transcriptomics analysis reveals how murine breast cancers disorganize the liver transcriptome in a zoned manner	Alexis Vandenbon	PI	Department of Biosystems Science, Institute for Life and Medical sciences LiMe
70	MiR-124-3p Downregulates EGR1 to Suppress Ischemia-Hypoxia Reperfusion Injury in Human iPS Cell-Derived Cardiomyocytes	Qiaoke Yang	PhD/Master student	Department of Cardiovascular Surgery, Graduate school of Medicine and Faculty of Medicine

Poster Title 2023/9/28

ID	Title	Presenter	Position	Affiliation
1	Evaluating travel policy in Japan: An analysis of airport screening data from 2020-22	Shiqi Liu	PhD/Master student	Department of Public Health, Graduate school of Medicine and Faculty of Medicine
2	Prostacyclin stimulates the healing of ruptured fetal membranes	Masahito Takakura	undergraduate student	Department of Gynecology and Obstetrics, Graduate school of Medicine and Faculty of Medicine
3	Investigation of the Effectiveness of Induced Adipose Regeneration Using New Absorbable Implants	Qiannan Zhao	PhD/Master student	形成外科, Graduate school of Medicine and Faculty of Medicine
4	Prostate cancer organoids derived from PDX models enables us to genetic engineering human-derived cellular models	Takuro Sunada	non-PI faculty	Department of Urology, Graduate school of Medicine and Faculty of Medicine
5	Twenty-year follow-up of promising clinical studies reported in highly circulated newspapers: a meta- epidemiological study	Aran Tajika	non-PI faculty	Department of Health Promotion and Human Behavior, Graduate school of Medicine and Faculty of Medicine
6	Ferroptosis-related gene glutathione peroxidase 4 involves in the regulating of glucose metabolism via mTOR axis in intrahepatic cholangiocarcinoma	Yutaro Hori	PhD/Master student	Devison of Hepatobiliary-Pancreatic Surgery and Transplantation, Department of Surgery, Graduate school of Medicine and Faculty of Medicine
7	The functional role of Kras, p53, Wnt and Notch pathways in the tumorigenesis of extrahepatic biliary system.	Munemasa Nagao	PhD/Master student	Department of Gastroenterology, Graduate school of Medicine and Faculty of Medicine
8	Inhibition of microRNA-33b in humanized mice ameliorates nonalcoholic steatohepatitis	Takahiro Horie	non-PI faculty	Department of Cardiovascular Medicine, Graduate school of Medicine and Faculty of Medicine
9	Macrophages transform amnion mesenchymal cells into myofibroblasts in intrauterine bleeding (subchorionic hematoma) during pregnancy	Eriko Yasuda	PhD/Master student	Department of Gynecology and Obstetrics, Graduate school of Medicine and Faculty of Medicine
10	Inhibition of Lysine Acetyltransferases p300/CBP Overcomes BTK Inhibitor Resistance in Mantle Cell Lymphoma Cells	Yusuke Tashiro	PhD/Master student	Department of Hematology and Oncology, Graduate school of Medicine and Faculty of Medicine
11	Health Information Exchange Use by Healthcare Workers in Japan: Retrospective Cohort Study	Jun Suzumoto	PhD/Master student	Division of Medical Information Technology and Administration Planning, Graduate school of Medicine and Faculty of Medicine
12	A novel biomarker for chemosensitivity to fibroblast growth factor receptor inhibitors in patients with colorectal cancer	Takehito Yamamoto	PhD/Master student	Department of Gastroenterological Surgery and Oncology, Medical Research Institute, Kitano hospital, PIIF Tazuke-kofukai
13	Hepatocyte-like cells derived from hiPSCs improve liver fibrosis	Katsutaro Yasuda	non-PI faculty	Department of Cell Growth and Differentiation, Center for iPS Cell Research and Application CiRA
14	Development of CRISPR-Cas3 genome editing and NanoMEDIC delivery technologies for the treatment of muscular dystrophy	Uikyu Bang	PhD/Master student	Department of Clinical Application, Hotta Laboratory, Center for iPS Cell Research and Application CiRA
15	Elucidation of the mechanisms of cardiomyopathy development by using human iPS cell-derived cardiomyocytes from Fukuyama muscular dystrophy patients.	Fumiaki Fukumura	undergraduate student	Department of Pediatrics, Graduate school of Medicine and Faculty of Medicine
16	Exploring inquiries related to social sciences and humanities among medical students during their general/family medicine clerkships	Mariko Morishita	PI	Department of Patient safety, Graduate school of Medicine and Faculty of Medicine

ID	Title	Presenter	Position	Affiliation
17	Elucidating the mechanism of ICUAW and establishing prevention methods using a mouse models of sepsis	Ryohei Kimura	PhD/Master student	Department of Anesthesia, Graduate school of Medicine and Faculty of Medicine
18	Effects of Transcutaneous electrical nerve stimulation or exercise therapy alone or in combination on pain and physical function in individuals with knee osteoarthritis or chronic knee pain: A Randomized Controlled Trial	Keisuke Yamada	PhD/Master student	Department of Human Health Sciences, Advanced Physical Therapy/ Innovative Rehabilitation Laboratory, Graduate school of Medicine and Faculty of Medicine
19	A fact-finding survey on the work engagement of mentally disabled people seeking employment and the psychological burden of their families involved in daily care	Miran Yamazu	undergraduate student	Department of Inadomi Laboratory, Others
20	Canonical BAF complex is essential for the RUNX1-driven oncogenic program in human T-cell acute lymphoblastic leukemia.	Kazunari Aoki	non-PI faculty	Stem cell genetics, Institute for Life and Medical sciences LiMe
21	Study on proteins and glycans that play an important role in bone marrow homing of hematopoietic stem cells	Xuchi Pan	PhD/Master student	Department of Laboratory Animal Science, Graduate school of Medicine and Faculty of Medicine
22	A novel regulatory mechanism for T cell activation by an RNA-binding protein Zc3h13	Kazushi Nakamura	PhD/Master student	Department of Medical Chemistry, Graduate school of Medicine and Faculty of Medicine
23	Critical roles of an endoribonuclease N4bp1 in regulating CD8 T cell homeostasis and cancer immunosurveillance	Kuohao Liu	PhD/Master student	Department of Medical chemistry, Graduate school of Medicine and Faculty of Medicine
24	Exploring the pathogenesis of systemic lupus erythematosus by multi-omics analysis of B cells	Koji Kitagori	non-PI faculty	Department of Rheumatology and Clinical Immunology, Graduate school of Medicine and Faculty of Medicine
25	Integrated analyses of the genetic and clinicopathological features of cholangiolocarcinoma: cholangiolocarcinoma may be characterized by mismatch-repair deficiency.	Kenta Makino	PhD/Master student	Department of Surgery, Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Graduate school of Medicine and Faculty of Medicine
26	Single-cell analysis reveals age-related differences in the T cell response against COVID-19 mRNA vaccines	Ayana Sunami	PhD/Master student	Laboratory of Immunobiology, Graduate school of Medicine and Faculty of Medicine
27	Human synovial Tph cells are pleiotropically involved in RA pathogenesis	Akinori Murakami	PhD/Master student	Department of Immunology, Department of Orthopaedic Surgery, Graduate school of Medicine and Faculty of Medicine
28	Pseudomonas aeruginosa Utilizes A Nitric Oxide Metabolic Pathway to Evade Killing by Neutrophils in The Lung	Yoshinari Nakatsuka	non-PI faculty	Department of Respiratory Medicine, Graduate school of Medicine and Faculty of Medicine
29	Nationwide genomic surveillance of Listeria monocytogenes from human listeriosis revealed unknown disease clusters, frequent international transmissions of isolates, and a potent virulence factor related to the central nervous system invasion	Koh Shinohara	non-PI faculty	Department of Clinical Laboratory Medicine, Graduate school of Medicine and Faculty of Medicine
30	Differential TCR repertoire for joint self-antigens determines the functional balance between the regulatory T and arthritogenic T cells in T cell-mediated autoimmune arthritis.	Yusuke Takeuchi	non-PI faculty	Laboratory of Integrative Biological Science, Institute for Life and Medical sciences LiMe
31	Analysis of functional dynamics of uninjured normal type II alveolar epithelial cells as stem cells in response to type I alveolar epithelial cell specific lung injury	Yutaka Hirayama	PhD/Master student	Department of Respiratory Medicine, Graduate school of Medicine and Faculty of Medicine
32	Hematopoietic cell-derived IL-15 supports NK cell development in scattered and clustered localization within the bone marrow	Shinya Abe	non-PI faculty	Department of Virus Research/ Laboratory of Immune Regulation, Institute for Life and Medical sciences LiMe
33	Programmed cell senescence is required for sensory organ development in Drosophila	Yiran Zang	non-PI faculty	Laboratory of Genetics, Graduate school of Biostudies

ID	Title	Presenter	Position	Affiliation
34	Decelerating the process of articular cartilage degeneration in a non-invasive mechanical compression-induced rat model via intra-articular injections of allogeneic BMSCs	Chia Tai	PhD/Master student	Department of Medicine/ Kuroki & Ito Laboratory, Graduate school of Medicine and Faculty of Medicine
35	Opto-combinatorial indexing enables high content transcriptomics by linking cell images and transcriptome	Taikopaul Kaneko	non-PI faculty	Department of Biosystems science, Laboratory of nano bioengineering, Institute for Life and Medical sciences LiMe
36	Exploration of cell competition regulatory factors using the synNotch system	Kazuhito Sai	non-PI faculty	Department of Molecular Oncology, Graduate school of Medicine and Faculty of Medicine
37	Lineage tracing study defines erythropoietin-producing cells as the distinct subpopulation of resident fibroblasts with unique behaviors	Keiichi Kaneko	undergraduate student	Department of Nephrology, Graduate school of Medicine and Faculty of Medicine
38	The phosphatase activity of soluble epoxide hydrolase maintains functional link between phospholipid turnover, kinase signaling and store Ca ²⁺ handling in peritoneal macrophages	Feng Liu	PhD/Master student	Department of biological chemistry, Graduate school and Faculty of Pharmaceutical Sciences
39	A genetic screen for key regulators of cell competition.	Mai Sakaguchi	PhD/Master student	Department of Genetics, Graduate school of Biostudies
40	The mitotic STAG3-cohesin defines male germline nucleome	Masahiro Nagano	non-PI faculty	Department of Anatomy and Cell Biology, Graduate school of Medicine and Faculty of Medicine
41	Tissue pattern emergence through the boundary-driven ordering	Takafumi Ichikawa	non-PI faculty	Department of Developmental Biology / ASHBi Hiiragi Group, Graduate school of Medicine and Faculty of Medicine
42	Glutamine protects mouse spermatogonial stem cells against NOX1-derived ROS for sustaining self-renewal division	Takehiro Miyazaki	non-PI faculty	Department of Molecular Genetics, Graduate school of Medicine and Faculty of Medicine
43	Epigenome-reconstituted pluripotent stem cells have improved differentiation potential into primordial germ cells and recapitulate lineage branching of amniotic ectoderm and primordial germ cells	Yoshiki Iemura	PhD/Master student	Department of Life Science Frontiers, Center for iPS Cell Research and Application CiRA
44	Mechanism of Human Primordial Germ-Cell Specification and Segregation From the Somatic Lineage	Hanbo Wang	PhD/Master student	Department of Anatomy and Cell Biology, Graduate school of Medicine and Faculty of Medicine
45	Formation of tendinous intersections in the human fetal rectus abdominis	Yui Iwasa	PhD/Master student	Department of Human Health Science / Laboratory of Pathology, Graduate school of Medicine and Faculty of Medicine
46	Elucidation of SMN-mediated transcription during myogenic differentiation	Akihiro Ikenaka	non-PI faculty	齋藤潤研究室, Center for iPS Cell Research and Application CiRA
47	Orientation of lens fiber cells using diffusion tensor MR imaging	Momoka Hatta	PhD/Master student	Department of Human Health Science, Laboratory of Human Morphogenesis, Graduate school of Medicine and Faculty of Medicine
48	The tongue muscle formation in the human embryonic period	Saho Suto	PhD/Master student	Department of Human Health Science, Laboratory of Pathology (Human Morphogenesis), Graduate school of Medicine and Faculty of Medicine
49	Elucidation of ApoE pathology by using induced pluripotent stem cells in Alzheimer's disease	Dayoung Kim	PhD/Master student	Department of Cell Growth and Differentiation/ Inoue Laboratory, Center for iPS Cell Research and Application CiRA
50	Sperm in vivo genome-wide screening identified Rd3 as an essential regulator of spermatogenesis	Yuki Noguchi	PhD/Master student	ICeMS, Suzuki Group, Graduate school of Biostudies
51	The effects of Btd3 in neuronal activity-dependent dendrite remodeling in mouse cerebellar granule cells	Lingjie Tang	PhD/Master student	Division of Integrated Life Science, Laboratory of Developmental Neurobiology, Graduate school of Biostudies

ID	Title	Presenter	Position	Affiliation
52	Computational mechanisms of risk preference generated in recurrent neural networks	Takashi Nakazawa	undergraduate student	Department of Neuroscience, Graduate school of Medicine and Faculty of Medicine
53	Multiplexed super-resolution imaging using engineered antibody fragments	Akitoshi Miyamoto	non-PI faculty	Laboratory of Single-Molecule Cell Biology, Graduate school of Biostudies
54	Life behaviour and mental health: from the perspectives of MRI studies and psychological questionnaire survey	Hironobu Fujiwara	non-PI faculty	Department of Neuropsychiatry, Graduate school of Medicine and Faculty of Medicine
55	Anatomical and functional connections from the dorsal to ventral subdivision of the mouse suprachiasmatic nucleus: Vasopressin V1a receptor mediates divergent responsiveness of VIP and GRP neurons to AVP neuronal stimulation	Huihua (or Lisa) Zhou	PhD/Master student	Department of, Graduate school and Faculty of Pharmaceutical Sciences
56	Neural population dynamics of multidimensional economic variables in mesocortical pathway during risk-return decision making	Koh Ikuchi	undergraduate student	Department of Neuroscience, Graduate school of Medicine and Faculty of Medicine
57	A novel virtual reality task for measuring strategic decision-making of the well-balanced reward-cost	Masanobu Ishio	PhD/Master student	Department of Neuroscience, Graduate school of Medicine and Faculty of Medicine
58	Dynamic readout of multiscale reward variables from low-dimensional neural oscillation in frontal cortex during risk-return decision-making	Takeshi Miyamoto	non-PI faculty	Department of Neuroscience, Graduate school of Medicine and Faculty of Medicine
59	Elucidating the molecular mechanisms of cortical synucleinopathies using induced neurons from patient iPSCs	Hidefumi Suzuki	non-PI faculty	Inoue Laboratory, Center for iPS Cell Research and Application CiRA
60	Function of Lamin A in neuronal migration in the developing cerebral cortex	Shiori Nagayama	PhD/Master student	Department of Cell biology of developing neurons, Graduate school of Biostudies
61	Dynamics of odor representation in granule cells in olfactory learning.	Akiko Ide	PhD/Master student	Department of Brain development and regeneration, Graduate school of Biostudies
62	Rapid generation of human oligodendrocytes from iPSC to model a cerebral tract	Satoshi Morita	PhD/Master student	Inoue Laboratory, Center for iPS Cell Research and Application CiRA
63	Modeling neuronal intranuclear inclusion disease with patient iPSCs	Risako Nakai	non-PI faculty	Department of Cell Growth and Differentiation Laboratory of Stem Cell Medicine, Center for iPS Cell Research and Application CiRA
64	Derivation of human cortical organoids to analyze aquaporin-4 in neurodevelopment	Takeo Kawano	PhD/Master student	Department of Cell Growth and differentiation, Inoue Laboratory, Center for iPS Cell Research and Application CiRA
65	Structural flexibility of curvature-sensing peptides important for highly sensitive detection of extracellular vesicles	Kenichi Kawano	non-PI faculty	Department of, Graduate school and Faculty of Pharmaceutical Sciences
66	Dendritic DNAs and their therapeutic applications	Yusuke Kawamoto	non-PI faculty	Department of Biopharmaceutics and Drug Metabolism, Graduate school and Faculty of Pharmaceutical Sciences
67	Cisplatin induces gustatory lingual nerve degeneration in taste disturbance model rats	Kanako So	non-PI faculty	Department of Applied Pharmaceutics and Pharmacokinetics, Graduate school and Faculty of Pharmaceutical Sciences
68	In vivo near-infrared imaging targeting amyloid β oligomers in model mouse of Alzheimers disease	Takahiro Akasaka	PhD/Master student	Department of Patho-Functional Bioanalysis, Graduate school and Faculty of Pharmaceutical Sciences
69	Effect with antidepressant and social defeat stress on activity of the dorsal raphe serotonin neurons in free-moving animals	Masashi Koda	PhD/Master student	Department of Molecular Pharmacology, Graduate school and Faculty of Pharmaceutical Sciences

ID	Title	Presenter	Position	Affiliation
70	Phosphodiesterase 3 (PDE3) inhibitor activates Ca ²⁺ signaling pathway in growth plate chondrocytes and promotes bone growth.	Takaaki Kawabe	PhD/Master student	Department of Biological chemistry, Graduate school and Faculty of Pharmaceutical Sciences
71	Controlling function of anti-TNFR2 biparatopic antibodies by hinge modification	Takuya Otsuki	PhD/Master student	Laboratory of Biopharmaceutical Chemistry, Graduate school and Faculty of Pharmaceutical Sciences
72	Synthesis, Structure, Properties, and Application of Planar Chirality of Medium-Sized trans-Cycloalkadiene-Platinum Complexes	Hayate Kinouchi	PhD/Master student	Department of Synthetic medicinal chemistry, Graduate school and Faculty of Pharmaceutical Sciences
73	Future Prospects for Kyoto University Medical School Education Based on the Evaluation of Medical Education Fields by JACME (Japan Assessment Center for Medical Education) and the 2022 Revision of the Model Core Curriculum for Medical Education	Masashi Ikuno	PI	Center for Medical Education, Graduate school of Medicine and Faculty of Medicine
74	Applying ChatGPT API in Medical Field through LINE Chatbots	Takao Tsuji	undergraduate student	Department of Medical Education Center, Graduate school of Medicine and Faculty of Medicine
75	Elucidating the differences in grammar between human promoters and enhancers	Shruti Bhagat	non-PI faculty	Institute for the Advanced Study of Human Biology (ASHBi), Murakawa Group
76	Organ-contour-driven auto-matching algorithm in image-guided radiotherapy	Yukako Kishigami	PhD/Master student	Department, of Advanced Medical Physics, Graduate School of Medicine, Kyoto University, Kyoto, Japan., Graduate school of Medicine and Faculty of Medicine
77	Comprehensive genetic analysis using whole exome sequencing and whole genome sequencing for rare genetic diseases	Naoko Yano	non-PI faculty	Department of Pediatrics, Kyoto University Graduate School of Medicine, Graduate school of Medicine and Faculty of Medicine

Poster Title 2023/9/29

ID	Title	Presenter	Position	Affiliation
1	The cell fate of Ras/scrib clone is regulated by cell number.	Masaki Nishiyama	PhD/Master student	Department of Genetics, Graduate school and Faculty of Pharmaceutical Sciences
2	Estimation of Surge Capacity in Earthquake Disasters and Business Continuity Plans of Disaster Base Hospitals	Kazunari Takeda	PhD/Master student	Department of Healthcare Economics and Quality Management, Kyoto University Graduate School of Medicine/ School of Public Health, Graduate school of Medicine and Faculty of Medicine
3	An Assessment Method for the Use of BroadSpectrum Antibiotics for Pneumonia in Elderly at the Hospital Level	Abbas Khatoun	PhD/Master student	Department of Healthcare Economics and Quality Management, Graduate school of Medicine and Faculty of Medicine
4	Institute for Advancement of Clinical and Translational Science (iACT), Kyoto University Hospital	Yukiko Neff	non-PI faculty	Kyoto University Hospital, Others
5	Embarking on Excellence: Kyoto Innovation Center for Next Generation Clinical Trials and iPS Cell Therapy	Shoji Takakura	PI	Kyoto Innovation Center for Next Generation Clinical Trials and iPS Cell Therapy, Kyoto University Hospital
6	Validation of morphology-based selection of cerebral cortical organoids by single-cell RNA sequencing analysis	Megumi Ikeda	non-PI faculty	Department of Medical Repair / Field of Clinical Application, Center for iPS Cell Research and Application CiRA
7	Analysis of intertumoral and intratumoral heterogeneity based on molecular subtypes in clear cell renal cell carcinoma reveals immune suppressive phenotype of the angiogenesis-related immune signatures	Katsuhiro Ito	PhD/Master student	Department of Immunology and Genomic Medicine, Graduate school of Medicine and Faculty of Medicine
8	Hypoxia- and Postirradiation Reoxygenation-induced HMHA1/ ARHGAP45 expression contributes to cancer cell invasion in a HIF-dependent manner	Peter Lee	PhD/Master student	Laboratory of Cancer Cell Biology, Graduate school of Biostudies
9	Time-Varying Risk Magnitude of Low Adherence to Antiplatelet Therapy After Percutaneous Coronary Intervention	Yuichiro Mori	PhD/Master student	Department of Human Health Science, Graduate school of Medicine and Faculty of Medicine
10	KRAS codon G12 mutation as an adverse prognostic factor in pediatric KMT2A-rearranged acute myeloid leukemia	Hidemasa Matsuo	non-PI faculty	Department of Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
11	A novel VCP modulator, KUS121 attenuates atherosclerosis progression by mitigating ER stress and maintaining intracellular ATP in the endothelium.	Fuquan Zou	PhD/Master student	Department of Cardiology, Graduate school of Medicine and Faculty of Medicine
12	Novel cell therapeutic strategies for AKI and CKD using expanded human iPSC-derived nephron progenitor cells	Kosuke Toyohara	undergraduate student	Osafune Laboratory, Center for iPS Cell Research and Application CiRA
13	Non-targeted Proteomics Provides a New Platform for Newborn Diagnosis/Screening of Genetic Disorders	Hirofumi Shibata	non-PI faculty	Department of Pediatrics, Graduate school of Medicine and Faculty of Medicine
14	Phenotypic analysis of Idh3 α knockout mouse	Mai Ito	PhD/Master student	Laboratory of Cancer Cell Biology, Division of Systemic Life Science, Graduate school of Biostudies
15	A Cohort Study of the Association Between Health Literacy and COVID-19 Booster Vaccine Hesitancy and Twitter (X) Usage	Tomoko Takemura	PhD/Master student	Department of Health Informatics, Graduate school of Medicine and Faculty of Medicine

ID	Title	Presenter	Position	Affiliation
16	Patient Perspective on Regenerative Medicine and Device-Aided Therapy in Parkinsons Disease: A Cross-Sectional Survey Study	Mika Watabe	PhD/Master student	Department of Human health science, Graduate school of Medicine and Faculty of Medicine
17	Regnase-1 haploinsufficiency restricted SARS-CoV-2 pneumonia in mice by altering the immune responses in the lung	Kotaro Tanaka	PhD/Master student	Department of Medical Chemistry, Graduate school of Medicine and Faculty of Medicine
18	Immune checkpoint molecule Tim3 regulates microglial function and the development of Alzheimer's disease pathology	Kimitoshi Kimura	non-PI faculty	Department of Neurology, Graduate school of Medicine and Faculty of Medicine
19	An infection model for SARS-CoV-2 using human iPS cell-derived airway epithelial cell-transplanted rats	Masayuki Kitano	PhD/Master student	Department of Otolaryngology, Head and Neck Surgery, Graduate school of Medicine and Faculty of Medicine
20	The anti-bacterial effect of iPSC- derived platelets towards multidrug-resistant Staphylococcus aureus (MRSA)	Qirui Lin	PhD/Master student	Eto Laboratory, Center for iPS Cell Research and Application CiRA
21	Beta-1,4-galactosyltransferase-3 deficiency suppresses the growth of immunogenic tumors in mice	Heng Wei	non-PI faculty	Institute of Laboratory Animals, Graduate school of Medicine and Faculty of Medicine
22	Positive and negative regulation of the Fcy receptor-stimulatory activity of RNA-containing immune complexes by RNase	Ryota Naito	non-PI faculty	Department of Rheumatology and Clinical Immunology, Graduate school of Medicine and Faculty of Medicine
23	IL-22 producing Th17 cells (Pathogenic Th17) modify the lung microenvironment via airway epithelial cells and inhibit ILC2 differentiation to suppress type II inflammation.	Rintaro Saito	PhD/Master student	Department of Rheumatology and Clinical Immunology, Graduate school of Medicine and Faculty of Medicine
24	Inhibition of Myeloid-Derived Inflammation Mediator S100A8/9 Impairs Early Anti-tumor Immune Responses	Melike Demir	PhD/Master student	Department of Immunology and Genomic Medicine and CCI Division of Integrated High-Order Regulatory Systems, Graduate school of Medicine and Faculty of Medicine
25	Anti-GPC1 scFv-Fc fusion protein as a detection tool of GPC1 expression in human cancer cell lines and tissues	Takeshi Sawada	PI	Department of Early Clinical Development, Graduate school of Medicine and Faculty of Medicine
26	An IL-23 reporter strain reveals the developmental identity and functional regulations of the IL-23-producing gut cDC2s that mediate mucosal host defense against infectious pathogens	Daiya Ohara	PhD/Master student	Laboratory of Integrative Biological Science, Institute for Life and Medical sciences LiMe
27	Investigation of urinary nonsulfated HNK-1 glycans for a biomarker of renal dysfunction	Jyoji Morise	PI	Department of Basic medical sciences, Human Health Sciences,, Graduate school of Medicine and Faculty of Medicine
28	Selective elimination of CD169+ macrophages in lymph nodes invaded by breast cancers	Yurina Maeshima	PhD/Master student	Department of Breast Surgery, Graduate school of Medicine and Faculty of Medicine
29	Distribution of insect-specific viruses (ISVs) and Wolbachia from Aedes albopictus in Kyoto	Miki Nishimori	PhD/Master student	Course of Multidisciplinary Medical Sciences, Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
30	Human iPSC-derived alveolar and airway cells can distinguish SARS-CoV-2 variants	Atsushi Masui	PhD/Master student	後藤研究室, Center for iPS Cell Research and Application CiRA
31	Mechanism of non-cell autonomous autophagy that drives cell competition	Rina Nagata	non-PI faculty	Laboratory of Genetics, Graduate school of Biostudies
32	Development of a large-scale screening system for long-term observation of cancer cell clone state transitions using micro-gels	Misa Minegishi	non-PI faculty	Department of Biosystems Science, Institute for Life and Medical sciences LiMe
33	The role of glycosylation in embryogenesis	Shuang Li	PhD/Master student	Department of Laboratory Animals, Graduate school of Medicine and Faculty of Medicine

ID	Title	Presenter	Position	Affiliation
34	Exploring of Nutritional Components Promoting Erythroid Differentiation from PSCs.	Akinori Yuzuriha	non-PI faculty	Department of Clinical Application, Center for iPS Cell Research and Application CiRA
35	Epithelial deformation drives Ras-induced tumorigenesis by inducing normally-segregated Upd3-Dome interaction in Drosophila	Jiaqi Li	PhD/Master student	Department of Systemic Life Sciences, Graduate school of Biostudies
36	EBF1 limits the numbers of cochlear hair and supporting cells and forms the scala tympani and spiral limbus during the development of the inner ear	Hiroki Kagoshima	PhD/Master student	Department of Otolaryngology-Head and Neck Surgery, Graduate school of Medicine and Faculty of Medicine
37	Development of a filming system to track biofilm morphogenesis and gene expression over time	Ryunosuke Sakai	PhD/Master student	Department of Microbial systems biology, Graduate school and Faculty of Pharmaceutical Sciences
38	Toward Structural Analysis of Photoactive Ligand Binding Adenosine A2A receptor	Tsuyoshi Araya	PhD/Master student	Department of Cell Biology, Graduate school of Medicine and Faculty of Medicine
39	A novel iPSC-derived collecting duct cystogenesis model of ADPKD for drug discovery	Shin-Ichi Mae	non-PI faculty	Department of Cell Growth and Differentiation, Center for iPS Cell Research and Application CiRA
40	Analysis of dynamics of gene regulatory network using CRISPR-mediated transcriptional perturbation	Yusuke Tarumoto	non-PI faculty	Department of Biosystems Science / Laboratory of Stem Cell Genetics, Institute for Life and Medical sciences LiMe
41	Alternative translation in p53 mRNA: the switch from tumor suppressor to oncogene?	Marco Candeias	PI	Marco Laboratory, Graduate school of Medicine and Faculty of Medicine
42	Controlling the apical elimination of cancerous cells during the progression of cancer and aging	Lu Yan	non-PI faculty	Department of, Center for iPS Cell Research and Application CiRA
43	Induction of naïve pluripotency from primed embryonic stem cells in cynomolgus monkeys	Shuto Deguchi	PhD/Master student	Department of Anatomy and Cell Biology, Graduate school of Medicine and Faculty of Medicine
44	Periportal hepatocyte proliferation at midgestation governs maternal glucose homeostasis in mice	Satoshi Kozuki	non-PI faculty	Department of Biosystems Science, Institute for Life and Medical sciences LiMe
45	Unveiling DNA untwisting mechanisms by in situ imaging	Jumpei Fukute	PhD/Master student	Laboratory of Biomechanics, Institute for Life and Medical sciences LiMe
46	Identification of signals promoting alveolar type 2 to type 1 cell differentiation using human pluripotent stem cells	Yuko Ohnishi	PhD/Master student	Department of Clinical Application/Gotoh Laboratory, Center for iPS Cell Research and Application CiRA
47	Three-dimensional morphogenesis of the human diaphragm during the late embryonic and early fetal period: Analysis using T1-weighted and diffusion tensor imaging	Toru Kanahashi	non-PI faculty	Human Health Science, Laboratory of Pathology, Graduate school of Medicine and Faculty of Medicine
48	Defects in Tricellular Junction Triggers Tumor-Suppressive Cell Competition	Haolin Xi e	PhD/Master student	Department of Genetics, Graduate school of Biostudies
49	Discovery and generation of polymorphic copy number variants in human iPSC cells:	Xiaoyan Ren	PhD/Master student	Woltjen Laboratory, Center for iPS Cell Research and Application CiRA
50	Inflammatory stress accumulation disrupts cerebellar plasticity integration and motor coordination learning in mouse 2HIT model	Momoka Hikosaka	PhD/Master student	Department of Drug Discovery Medicine, Graduate school of Medicine and Faculty of Medicine
51	Rapid Recovery of Hand Function in Spinal Cord Injury Monkey Treated With Man-Made Synaptic Organizer CPTX - A Double-blind Randomized Control Study	Stefan Peyda	PhD/Master student	Department of Neuroscience, Graduate school of Medicine and Faculty of Medicine
52	Region-specific cortical plasticity during habit formation determines individuality in habit strength	Nozomi Asaoka	non-PI faculty	Department of Pharmacology, Graduate school of Medicine and Faculty of Medicine

ID	Title	Presenter	Position	Affiliation
53	Environmental stress insults in 2HIT model synergistically produce reactive microglia including DAMIMCs in the cerebellum	Gen Ohtsuki	PI	Department of Drug Discovery Medicine, Graduate school of Medicine and Faculty of Medicine
54	Developmental and experience-dependent changes of the presynaptic function and the axon wiring at the somatosensory thalamus	Mitsuharu Midorikawa	PI	Department of Advanced occupational therapy, Graduate school of Medicine and Faculty of Medicine
55	A new optogenetics reveals the spatiotemporal window of synaptic plasticity events during memory consolidation.	Akihiro Goto	non-PI faculty	Department of Pharmacology, Graduate school of Medicine and Faculty of Medicine
56	Investigating the Impact of hnRNPA1 Mutations on Motor Neurons in Amyotrophic Lateral Sclerosis	Seifu Murata	undergraduate student	Department of Cell growth and differentiation, Laboratory of stem cell medicine, Center for iPS Cell Research and Application CiRA
57	Modulation of coherence between cortex and subthalamic nucleus by deep brain stimulation in Parkinson disease	Yuta Terada	non-PI faculty	Department of Neurology, Others
58	Modeling benign adult familial myoclonus epilepsy with patient iPSCs	Mika Suga	non-PI faculty	Department of Cell Growth and Differentiation, Center for iPS Cell Research and Application CiRA
59	A probabilistic atlas of brainstem nucleus related to iRBD using high-resolution ex-vivo MRI	Masakazu Hirose	PhD/Master student	Department of Integrated Neuroanatomy and Neuroimaging, Graduate school of Medicine and Faculty of Medicine
60	Ultrahigh-speed proteomics without loss of sensitivity and depth of analysis	Ayana Tomioka	PhD/Master student	Division of Medicinal Frontier Sciences, Graduate school and Faculty of Pharmaceutical Sciences
61	Exploring Imatinibs Impact on IgG Transport within Endothelial Cells: An In Vitro Model for Antibody-Dependent Autoimmune Diseases	Duerna Tie	non-PI faculty	Department of Dermatology, Graduate school of Medicine and Faculty of Medicine
62	Development of novel radiotheranostic agent targeting prostate-specific membrane antigen for highly efficient prostate cancer therapy	Shohei Tsuchihashi	PhD/Master student	Department of Patho-Functional Bioanalysis, Graduate school and Faculty of Pharmaceutical Sciences
63	Biotransformation of infliximab and the effect on pharmacological activity	Mio Shimada	PhD/Master student	Department of Clinical Pharmacology and Therapeutics, Graduate school and Faculty of Pharmaceutical Sciences
64	Radical Cyclization of α,β -Unsaturated Carboxylic Acids Catalyzed by Photocatalyst Hybrid Boronic Acid	Taichi Yumura	PhD/Master student	薬学研究科薬品分子化学分野, Graduate school and Faculty of Pharmaceutical Sciences
65	Generation of VHH antibody-displaying T7 phage library for development of mirror-image VHH antibodies	Kayu Maeda	PhD/Master student	Department of Basic Laboratory Science, Human Health Sciences, Graduate school of Medicine and Faculty of Medicine
66	Inhaled anesthetics induce skeletal muscle atrophy via the Akt pathway	Akihisa Taguchi	undergraduate student	Department of Anesthesia, Graduate school of Medicine and Faculty of Medicine
67	Structural insights into the Borna disease virus 1 nucleoprotein-RNA complex assembly process	Shinya Goto	PhD/Master student	Laboratory of Ultrastructural Virology, Division of Integrated Life Science, Graduate school of Biostudies
68	Introduction of Medical Research Support Center	Masatsugu Denawa	non-PI faculty	Medical Research Support Center, Graduate school of Medicine and Faculty of Medicine
69	PDIVAS: Pathogenicity predictor for Deep-Intronic Variants causing Aberrant Splicing	Ryo Kurosawa	PhD/Master student	形態形成機構学, Graduate school of Medicine and Faculty of Medicine
70	Innovative Support Alliance for Life Sciences (iSAL) : Extended support platform for Life Sciences in Kyoto University	Yukiko Okuno	non-PI faculty	Medical Research Support Center, Graduate school of Medicine and Faculty of Medicine
71	Learning to listen: Patient and public involvement for an adequate informed consent process among individuals with visual impairment	Kayo Takashima	non-PI faculty	Uehiro Research Division for iPS cell Ethics, Center for iPS Cell Research and Application CiRA

ID	Title	Presenter	Position	Affiliation
72	Fanconi anemia and Aldehyde Degradation Deficiency (ADD) Syndrome: DNA repair and metabolism together protect the genome and hematopoiesis	Anfeng Mu	non-PI faculty	Laboratory of Genome Damage Signaling, Graduate school of Biostudies
73	Application of the compressed sensing to in vivo MR microscopy of a human disease model of medaka for increasing spatial resolution	Itsuki Shimizu	PhD/Master student	Human Health Sciences, Graduate school of Medicine and Faculty of Medicine

Oral Title 2023/9/27-29

Start_time	Title	Presenter	Position	Affiliation
2023-09-27 19:00	Opening Remarks	Dean Tadashi Isa	PI	Division of Neurobiology and Physiology, Department of Neuroscience, Kyoto University
2023-09-27 19:05	Epigenetic regulation through histone H3K9 trimethylation mediates adaptation to dietary carbohydrates in Drosophila species	Yukako Hattori	non-PI faculty	Laboratory of Cell Recognition and Pattern Formation, Graduate school of Biostudies, Kyoto University
2023-09-27 19:20	Development of Mirror-Image VHH for a Novel Protein Therapeutics with Less Immunogenicity	Keisuke Aoki	PhD/Master student	Department of Bioorganic Medicinal Chemistry, Graduate school and Faculty of Pharmaceutical Sciences, Kyoto University
2023-09-27 19:35	Tracing the evolutionary history of blood cells to the unicellular ancestor of animals	Yosuke Nagahata	non-PI faculty	Laboratory of Immunology, Institute for Life and Medical sciences LiMe, Kyoto University
2023-09-27 19:50	Structure and dynamics of genome-associated biomolecular condensates	Shunsuke Shimobayashi	PI	Department of Life Science Frontiers, Center for iPS Cell Research and Application CiRA, Kyoto University
2023-09-28 19:00	Identification and chronopharmacological manipulation of Ang II-regulatable cell autonomous oscillators in adrenal zona glomerulosa cells	Tomohiro Otani	PhD/Master student	Department of Systems biology, Graduate school and Faculty of Pharmaceutical Sciences, Kyoto University
2023-09-28 19:15	Development of a gaming system to treat clumsiness in children with developmental disabilities	Keisuke Irie	non-PI faculty	Cognitive Motor Neuroscience, Human Health Sciences, Graduate School of Medicine, Kyoto University, Kyoto, Japan, Graduate school of Medicine and Faculty of Medicine, Kyoto University
2023-09-28 19:30	New Autoantibody In Patients With Ulcerative Colitis	Takeshi Kuwada	PhD/Master student	Department of Gastroenterology and Hepatology, Graduate school of Medicine and Faculty of Medicine, Kyoto University
2023-09-28 19:45	Protein phosphorylation revisited	Shige h. Yoshimura	PI	Laboratory of Plasma Membrane and Nuclear Signaling, Graduate school of Biostudies, Kyoto University
2023-09-29 19:00	Clonal evolution of der(1;7)(q10;p10) myeloid neoplasms	Rurika Okuda	PhD/Master student	Department of Pathology and Tumor Biology, Graduate school of Medicine and Faculty of Medicine, Kyoto University
2023-09-29 19:15	Infectious disease research using lung organoids and lung-on-a-chips	Kazuo Takayama	PI	Department of Cell Growth and Differentiation, Center for iPS Cell Research and Application CiRA, Kyoto University
2023-09-29 19:30	Quick and affordable DNA cloning by reconstitution of Seamless Ligation Cloning Extract using defined factors	Makoto Kitabatake	non-PI faculty	Laboratory of RNA viruses, Institute for Life and Medical sciences LiMe, Kyoto University
2023-09-29 19:45	High-benefit approach for future precision medicine era	Kosuke Inoue	PI	Department of Social Epidemiology, Graduate school of Medicine and Faculty of Medicine, Kyoto University
2023-09-29 20:00	Awards Ceremony & Closing Remarks	Prof. Yasunori Hayashi	PI	Department of Pharmacology, Graduate school of Medicine and Faculty of Medicine, Kyoto University