

Poster session			
Cardiac and Systemic Metabolism			
1	Raymond Adjel	Mie University	Renal Proximal Epithelial Cells Retain Adipogenicity in a Primary Cilia Dependent Fashion
2	Jlaxi Guo	The First Affiliated Hospital, Zhejiang University School of Medicine	Myocardial Lipin1 Attenuates Ischemic Injury through Preservation of Lipid Homeostasis
3	Monisha Jayabalan	Dr. A.L.M Postgraduate Institute of Basic Medical Sciences, University of Madras	Pivotal Role of TGF β /SMAD-Mediated Endothelial-to-Mesenchymal Transition in Vitamin D Deficiency-Induced Cardiac Fibrosis
4	PangYen Liu	Tri-Service General Hospital	Effects of Soluble Guanylate Cyclase (sGC) Stimulator in High Fat Diet-induced Obesity in Rats and 3T3-L1 Adipocytes
5	Yoshinori Mikami	Toho University	Molecular Mechanisms Underlying Trastuzumab-Induced Cardiotoxicity in Diabetes Mellitus
6	Shu Nakao	Tokai University School of Medicine	Investigation of energy substrates governing pacemaking function of the sinus node in mice
7	Sho Tanosaki	University of Pennsylvania	Metabolic Landscape of Human End-Stage Ischemic Cardiomyopathy Shows Remarkable Similarities to Non-Ischemic Cardiomyopathy
Gene therapy/Cell Therapy			
1	Tomohiro Hino	Kyoto Prefectural University of Medicine	Development of a Genome Editing Therapy for Dyslipidemia with Minimized Off-Target Effects
2	Masatsugu Oishi	Kyoto Prefectural University of Medicine	TAOK1 as a Novel Therapeutic Target to Prevent Cardiomyocyte Death under Doxorubicin- or Hypoxia-Induced Stress
3	Yu Sakaue	Kyoto Prefectural University of Medicine	Development of Highly Functional Compact Cytosine Base Editing Tools Using Deep Mutational Scanning
4	Satoshi Tasaka	Kyoto Prefectural University of Medicine	A CrCas12f-based genome-editing tool derived by deep mutational scanning
5	Yuka Toyoshima	Kyoto Prefectural University of Medicine	Engineering of Hypercompact CRISPR-Cas12j for Clinical Applications
6	Yuki Uchio	Kyoto Prefectural University of Medicine	Engineering a Compact Cas9d for AAV-Based Base Editing Therapy
Heart Failure			
1	Fujimi Kudo	Chiba University Graduate School of Medicine	Cardiac Macrophage-Derived Chemokine Modulates Pressure Overload-Induced Cardiac Remodeling
2	Kazuhiro Kuroda	Okayama University Hospital	The complement C3-complement factor D-C3a receptor signalling axis regulation for right heart failure.
3	Tomofumi Misaka	Fukushima Medical University	Macrophage extracellular traps promote maladaptive cardiac remodeling and heart failure via PAD4-dependent mechanisms
4	Ryohei Miyamoto	Faculty of Medical Sciences, Kyushu University	A Novel CKD-HfpeF Model Preserving Renal Afferent Nerves: Kidney Surface Ablation for Investigating Neurogenic Contribution to Cardiorenal Interaction
5	Shun Nakamura	Institute of Science Tokyo	Sex-Specific Alterations in Estradiol-Associated Circulating miRNA Profiles in Heart Failure
6	Ryo Numazawa	Sapporo Medical University School of Medicine	Cardioprotection of β -Aminoisobutyric Acid, an Exercise-Derived Amino Acids, against Doxorubicin-Induced Cardiomyopathy
7	Satoshi Okochi	Fukushima Medical University	Proteomic Analysis of Circulating Extracellular Vesicles Identifies CAPG as a Prognostic Marker in Heart Failure
Inflammation/Regeneration			
1	Soah Lee	Sungkyunkwan University	IGFBP2 Promotes Proliferation of Human iPSC-Derived Cardiomyocyte through the PTEN-AKT Signaling Axis
2	Nanako Nakanishi	Mie University	VEGF-C-mediated Cardiac Lymphangiogenesis Promotes Inflammation Resolution in Autoimmune Acute Myocarditis in Mice
3	Masataka Nishiga	Stanford University	Targeting the CXCL10-IFN- γ axis to prevent myocardial injury following mRNA vaccination
4	Tai Sada	RIKEN	Targets and functions of phase separated RNA-protein liquid droplets in cardiomyocyte proliferation
5	Muhammed Ibrahim Sekar	Dr. ALM Postgraduate Institute of Basic Medical Sciences University of Madras	Regulatory Role of Nitrosative Stress in Cardiomyocyte Proliferation and Fibrotic Regression during Post-Cryoinjury Cardiac Regeneration in Adult Zebrafish
6	Kohsuke Shirakawa	Keio University School of Medicine	SPPI Expressing Macrophages Drive Fibro Calcific Remodeling in Lung Fibrosis and Aortic Stenosis: Implications for Heart Failure Pathogenesis
7	Yoke Keong Yong	Universiti Putra Malaysia	Protective Effects of Omentin against Oxidative Stress-Induced Endothelial Damage: Restoration of Barrier Function and Adherens Junction Integrity
Mitochondria/Oxidative Stress			
1	Satomi Hayashi	The university of Osaka	Investigation of mtDNA Polymorphism Found in Normal Inbred Mouse Strain
2	Shunsuke Miura	Fukushima Medical University	Inhibition of VDAC1 Oligomerization Exacerbates Doxorubicin-Induced Mitochondrial Dysfunction via Iron Overload and Oxidative Stress
3	Prihantini Prihantini	IMCDS-BioMed Research Foundation	Deep Learning Integration of Single-Cell and Bulk Transcriptomics to Map Oxidative Stress Trajectories in Human Myocardium
4	Toranosuke Sekine	Fukushima Medical University	Maintenance of acetyl-CoA synthetase 2 prevents cytosolic acetyl-CoA depletion and cardiac dysfunction
5	Hanabusa Soichiro	Graduate School of Science, The University of Osaka	Screening for compounds that improve mitochondrial function by modulating mitochondrial nucleoid morphology
6	Yoshikatsu Takeda	Kanazawa University	Deferoxamine Protects against Doxorubicin-Induced Cardiotoxicity by Inducing Heme Oxygenase-1
Translational Research/Cell Signaling			
1	Chihomi Banno	Mie University	Expression of Incretin Receptor in Fibro-Adipogenic Progenitor Cells in Mice
2	Nur Syakirah Binti Othman	National Cerebral and Cardiovascular Centre	A Spontaneous Atrial Fibrillation Mouse Model: a Platform for Exploring Atrial Fibrillation Pathogenesis and Therapeutics
3	Rifaldy Fajar	Karlstad University	Machine Learning-Driven Multi-Omic Atlas of Stress-Responsive Regulatory Elements Predicting Anthracycline Cardiotoxicity and Arrhythmia Risk in Breast Cancer Survivors
4	ChiehLun Hsiao	Juntendo University Graduate School of Medicine Department	Immune-Mediated Clearance of Senescent Cells via Sensitization: a Novel Approach for Treating Age-Associated Disorders
5	Fumiaki Ito	Kyoto Prefectural University of Medicine	Senescence-associated metabolic shift impedes endothelial angiogenic functions
6	Satoshi Iwamiya	Institute of Science Tokyo	SGLT2 Inhibitors suppress Atrial Fibrillation through Regulation of Macrophage-mediated Inflammation and Fibrosis in Mice
7	Yusaku Kaneko	Nishijin Hospital	Inhibition of N-terminal acetyltransferase C mitigates ER stress-mediated muscle atrophy in cancer cachexia.
8	Kenta Kaneshiro	Kobe University Graduate School of Medicine	The clock gene Tef promoted the expression of Col1a1 in human cardiac fibroblasts.
9	Keisuke Nakamura	Kobe University	Single-Cell and Nucleus Transcriptomics with TCR Repertoire Profiling Identify Immune-Myofibroblast Crosstalk via SPPI and PAR Signaling in CTEPH
10	Sahnaz Vivinda Putri	International University Semen Indonesia	Deep Learning Integration of Blood DNA Methylation and Endothelial Transcriptomes Predicts Aging-Driven Plaque Risk
11	Rizki Rachmad Saputra	Universitas Palangka Raya	Pharmacoinformatic Evaluation of Thiazole-Coumarin-Azomethine Derivatives Targeting the Klotho-Wnt Axis for Cardio-Cerebrovascular Disease Prevention
12	Elfianny Syafruddin	BLK Muhammadiyah University	Mathematical Model of Transcriptional Burst-Splice Instability Predicts Atrial Fibrillation Maintenance from Single-Nucleus RNA Data
13	Aung Tinmy	Department of Cardiovascular Aging, National Cerebral and Cardiovascular Center	Role of Procollagen C-proteinase Enhancer-1 (PCPE-1) in Aging-related Renal Fibrosis and UUO-induced Heart Failure
14	Rini Winarti	Yogyakarta State University	Machine Learning-Derived Signal-Integration Burden of Piezo1-YAP/TAZ and TGF β EndoMT Predicts Microvascular Rarefaction in Human Heart Failure
15	Mefri Yanni	Universitas Andalas	Growth Differentiation Factor-15 as a predictor of subclinical right ventricular systolic dysfunction in pulmonary arterial hypertension
16	Li Zhihong	National Cerebral and Cardiovascular Center	TMAO Impairs Skeletal Muscle Function by Disrupting Autophagy Lysosome Homeostasis
Vascular Biology			
1	Dai Jung Chung	National Taiwan University, College of Medicine	Targeting endothelial cannabinoid receptor 1 ameliorates disturbed flow-induced vascular inflammation and atherosclerosis in vivo
2	Mohamed Hamouda Elkasaby	Faculty of Medicine, Al-Azhar University	Efficacy and Safety of Interleukin-6 Receptor Inhibitors in Giant Cell Arteritis: a Systematic Review and Meta-Analysis of Randomized Controlled Trials
3	Yoshitake Fukuda	Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University	Deletion of Integrin Alpha 1 Suppresses Angiotensin II-Induced Abdominal Aortic Aneurysm Rupture
4	Enkhjin Gansukh	Shiga University of Medical Science	VSMC-Specific NRDC Deficiency Improves Survival by Reducing Rupture-Related Deaths in Mice.
5	Chun Yang Huang	Taipei Veterans General Hospital	The impact of PERM1 in acute lower limb ischemia
6	Mitsukuni Kimura	Kyushu University	Single cell and Special transcriptome analysis of Vascular Calcification in a Mouse Model of Chronic Kidney Disease
7	Junichiro Koga	University of Occupational and Environmental Health, Japan	Notch Ligand Dll1 Promotes Macrophage Activation and Arteriosclerosis
8	Takumi Nagakura	Kumamoto University Hospital	The Effect of Ketone Bodies on angiogenesis