

会場：神戸国際会議場 ※現地での発表をお願いいたします。

セッション	投稿番号	演題番号	演題名	発表時間	質疑応答時間	日時	会場名
Grant Session in Basic Research	B000032	GS-BC-1	Exploring the Mechanisms regulating proliferation of Epicardial Adipose Progenitor cells	8	4	12月10日(日) 14:35~15:35	第2会場
	B000012	GS-BC-2	Development of a novel antiarrhythmic therapy using antisense oligonucleotide to improve the prognosis of cardiomyopathy	8	4		
	B000008	GS-BC-3	Elucidation of the pathogenesis of atrial fibrillation by multi-omics analysis of atrial myocardial tissue	8	4		
	B000006	GS-BC-4	Discovery of Novel Pathogenic Mechanisms in Diabetic Cardiomyopathy and Role of Primary Cilia	8	4		
	B000003	GS-BC-5	Impact of endothelial cell signaling on perivascular macrophage infiltration in the development of pulmonary arterial hypertension	8	4		
Progress Report for Basic Research	B000013	PR-BC-1	Regulation of Gut Microbiota could be a Therapeutic Option for Abdominal Aortic Aneurysm	10	8	12月10日(日) 10:10~11:40	第2会場
	B000015	PR-BC-2	Cell fate conversion by epigenome editing	10	8		
	B000019	PR-BC-3	CXCL12/CXCR4 chemokine pathway as a novel therapeutic target for RNF213-associated vasculopathy	10	8		
	B000027	PR-BC-4	Investigation of the mechanism of microvessel remodeling in pulmonary hypertension using spatiotemporal multi-scale imaging system	10	8		
	B000033	PR-BC-5	Elucidation of the molecular mechanism of heart failure in ATTR amyloidosis	10	8		
Award Session(BCVR)	B000035	AS-BC-1	An engineered hypercompact AsCas12f for genome editing therapy in cardiovascular diseases	8	4	12月9日(土) 11:00~12:00	第3会場
	B000046	AS-BC-2	Construction of three-dimensional iPSC myocardial tissue by stacking oriented sheets	8	4		
	B000014	AS-BC-3	Pressure overload induces phospholipase A ₂ -mediated lysophosphatidylserine production, leading to necrotic cardiomyocyte death and heart failure via G protein-coupled receptor 34	8	4		
	B000010	AS-BC-4	Cardiac reprogramming reduces fibrosis and improves diastolic dysfunction in heart failure with preserved ejection fraction	8	4		
	B000039	AS-BC-5	p38/IRE1 α /Xbp1 signaling regulates chamber-specific postnatal heart growth.	8	4		
Poster(BCVR) 1 Vascular Biology/Lipid	B000016	P1-BC-1	Endothelial specific non-neuronal acetylcholine plays an important role in regulation of blood pressure via endothelial cell dependent mechanisms	6	4	12月9日(土) 16:00~17:00	ポスター会場
	B000037	P1-BC-2	DNA damage-induced activation of cGAS-STING mediates inflammation and cellular senescence	6	4		
	B000050	P1-BC-3	Investigation of the molecular pathogenesis of aortic dissection in new Fibrillin 1 mutant mice by synchrotron imaging and transcriptomics analysis	6	4		
	B000004	P1-BC-4	Tetra-tert-butyl-diphenylquinone concurrently binds with cholesterol in the transmembrane domain of ATP-Binding Cassette A1 but not by probucol	6	4		
	B000040	P1-BC-5	A Twin Research Investigating the factors affecting serum lipid profiles and RNA-sequence analysis in mono-nuclear cells in monozygotic twins	6	4		
Poster(BCVR) 2 Arrhythmia/Inflammation	B000048	P2-BC-1	Alterations of cardiac impulse generation and propagation by photo-induced local Ca overload	6	4	12月9日(土) 16:00~17:00	ポスター会場
	B000029	P2-BC-2	Genome-wide association analysis and construction of polygenic risk score model for predicting paroxysmal atrial fibrillation using LightGBM model.	6	4		
	B000002	P2-BC-3	Role of perivascular macrophage infiltration in the development of pulmonary hypertension	6	4		
	B000036	P2-BC-4	Regulation of Cardiac Inflammation by Lymphatic Vessels	6	4		
	B000047	P2-BC-5	Age-related alteration in chemokine expression patterns in cardiac macrophages	6	4		
Poster(BCVR) 3 Drug Discovery/MR Bloker	B000017	P3-BC-1	Esaxerenone attenuates cardiac hypertrophy in a pressure overload model in mice	6	4	12月9日(土) 16:00~17:00	ポスター会場
	B000021	P3-BC-2	Esaxerenone, a selective mineralocorticoid receptor blocker, improves insulin sensitivity in obese and genetically diabetic (db/db) mice	6	4		
	B000044	P3-BC-3	The effectiveness of Esaxerenone on pulmonary arterial hypertension via impairing the ROS generation	6	4		
	B000024	P3-BC-4	Centella asiatica extract alleviates senescence-induced metabolic impairment by suppressing proinflammatory M1 macrophage in obesity-mediated insulin resistance mice model	6	4		
	B000011	P3-BC-5	Neuroprotective effect of leaf extract and seed oil of Moringa oleifera in high-fat and fructose diet-fed mice	6	4		
Poster(BCVR) 4 Cardiomyopathy	B000007	P4-BC-1	Interplay between hypercontractility and myofilament creatine kinase oxidation leads to energetic and redox uncoupling in human cardiomyopathy	6	4	12月9日(土) 16:00~17:00	ポスター会場
	B000009	P4-BC-2	Mechanistic role of mitochondrial creatine kinase in the stabilization of mitochondrial ROS. Implications for human cardiomyopathies	6	4		
	B000025	P4-BC-3	Transthyretin Instability in Patients with Wild-type Transthyretin Amyloid Cardiomyopathy	6	4		
	B000026	P4-BC-4	Histological characteristics of a rat model of (j)LMNA/(i)-related cardiomyopathy carrying a (j)Lmna/(i) missense variant, p.S143P	6	4		
	B000028	P4-BC-5	Disease modeling and drug exploring for LMNA p.R225X mutant dilated cardiomyopathy using patient-specific iPSC cells	6	4		
Poster(BCVR) 5 Heart Failure	B000042	P5-BC-1	ERAD protease-HERPUD1 is an endogenous protective factor against left ventricular diastolic dysfunction via XBP1s-mediated positive regulation of PLN	6	4	12月9日(土) 16:00~17:00	ポスター会場
	B000043	P5-BC-2	Tim44 plays a protective role in pressure overload-induced cardiac hypertrophy and dysfunction by preserving mitophagy through PINK1-Parkin pathway	6	4		
	B000045	P5-BC-3	The deteriorating effect of G protein-coupled receptor kinase 2 on mouse model of Takotsubo syndrome	6	4		
	B000023	P5-BC-4	Myofilament changes may drive right ventricular dysfunction ahead of pulmonary hypertension in a rat model of left ventricular diastolic dysfunction.	6	4		
	B000041	P5-BC-5	RUPTURED SINUS OF VALSALVA ANEURYSM PRESENTING WITH DE-NOVO ACUTE HEART FAILURE	6	4		
Poster(BCVR) 6 CardiacRemodeling/Organ Network	B000020	P6-BC-1	Generation of A Novel Reno-cardiac Syndrome Model Mouse in C57BL6 Background Showing Cardiac Hypertrophy, Cardiac Fibrosis, Hypertension and Renal Anemia.	6	4	12月9日(土) 16:00~17:00	ポスター会場
	B000018	P6-BC-2	Vertically oscillating head motion lowers blood pressure by accelerating interstitial fluid movement in the brain in hypertensive rats and humans	6	4		
	B000005	P6-BC-3	Drp1-mediated mitochondrial fission protects macrophages from mtDNA/ZBP1-mediated sterile inflammation: implication for post-infarct cardiac remodeling	6	4		
	B000030	P6-BC-4	Effect of Doxycycline on Cardiac Remodeling through Inhibition of NADPH Oxidase/ROS/NLRP3 Inflammasome Pathway in DOCA Salt Hypertensive Rats	6	4		
	B000022	P6-BC-5	Characterization of in vivo nitric oxide kinetics and its physiological function in inhaled nitric oxide therapy in rats	6	4		
	B000031	P6-BC-6	URAT1 is expressed in cardiomyocytes and contributes to the development of diet-induced metabolic heart disease.	6	4		