

2023 MHRC Symposium at SIMS Poster Session

No.	Poster No.	Abstract Info			Presenter's Info.		
		Abs. No.	Topic	Title	Name	Affiliation	Country
1	P001	A-T01-0001	T01-Adipose tissue	RNA Binding Protein HuR Is Essential for Adaptive Thermogenesis	Kun-Young Park	Graduate School of Medical Science and Engineering, Korea Advanced Institute of Science and Technology(KAIST)	Korea, Republic of
2	P002	A-T08-0002	T08-Others	Floating electrode-dielectric barrier discharge-based plasma promotes skin regeneration in a full-thickness skin defect mouse model	Ji Won Son	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
3	P003	A-T01-0003	T01-Adipose tissue	Serotonin facilitates adipogenesis through oxidative stress caused by monoamine oxidases in adipocytes.	Hye-Young Joung	Korea University College of Medicine	Korea, Republic of
4	P004	A-T08-0004	T08-Others	Title: Phosphorylated focal adhesion kinase by mild reduction of cell surface proteins inhibits integrin α5β1-dependent patient-derived cancer cell migration and invasion	Joo Hyun Kim	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
5	P005	A-T01-0007	T01-Adipose tissue	Regulation of Beige Adipocyte Thermogenesis by the Cold-Repressed ER Protein NNAT	Kyungmi Choi	Seoul National University	Korea, Republic of
6	P006	A-T03-0008	T03-General Metabolism	Targeting Intracellular Calcium Overload: Potential Therapeutic Strategy for Ameliorating Insulin Resistance	Jinwook Lee	Lee Gil Ya Cancer and Diabetes Institute, Gachon University College of Medicine, Department of Physiology	Korea, Republic of
7	P007	A-T01-0009	T01-Adipose tissue	Fluctuating levels of Fam3c in cancer-associated adipocytes contribute to breast cancer cell survival and metastasis	sahee Kim	Ulsan National Institute of Science and Technology	Korea, Republic of
8	P008	A-T01-0010	T01-Adipose tissue	High levels of intracellular endostrophin in adipocytes mediate COPII vesicle supplies to autophagosome to impair autophagic flux and contribute to systemic insulin resistance in obesity	Jiyoung Oh	Ulsan National Institute of Science and Technology (UNIST)	Korea, Republic of
9	P009	A-T01-0011	T01-Adipose tissue	MicroRNA-29 Ameliorates Fibro-Inflammation and Insulin Resistance in HIF1α-Deficient Obese Adipose Tissue by Inhibiting Endostrophin Generation	Woobeen Jo	Ulsan National Institute of Science and Technology (UNIST)	Korea, Republic of
10	P010	A-T06-0012	T06-Liver	TBK1 protects against hepatocyte death by facilitating mitochondria quality control.	Jin Young Huh	Department of Life Sciences, Sogang University	Korea, Republic of
11	P011	A-T08-0013	T08-Others	Activation of OSM-STAT3 Epigenetically Regulates Tumor-Promoting Transcriptional Programs in Cervical Cancer	Junho Noh	Chungbuk national university	Korea, Republic of
12	P012	A-T06-0014	T06-Liver	Integrative analysis of epigenomic and transcriptomic profiling identifies EZH2 target genes associated with cysteine metabolism mediated ferroptosis in HCC	Jaehyun Lee	Chungbuk National University	Korea, Republic of
13	P013	A-T08-0015	T08-Others	SLC27A2 as a molecular marker for epithelial barrier dysfunction in chronic rhinosinusitis with nasal polyps	Jaewoo Park	Department of Biological Sciences and Biotechnology, Chungbuk National University, Cheongju	Korea, Republic of
14	P014	A-T07-0016	T07-Muscle	Elucidating the role of cell surface free thiol groups in myogenic differentiation of skeletal muscle progenitor cell	Kim juyeon	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
15	P015	A-T03-0017	T03-General Metabolism	METABOLIC CONTROL OF WNT SIGNALING IS REGULATED BY AUTOPHAGY DURING NEURONAL DIFFERENTIATION	VINCENCIUS VIDYAWAN	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
16	P016	A-T04-0018	T04-Stem Cells and Beta Cells	Self-organized insulin-producing β-cells differentiated from human omentum-derived stem cells and their in vivo therapeutic potential	Ji Hoon Jeong	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
17	P017	A-T04-0019	T04-Stem Cells and Beta Cells	Direct differentiation of bone marrow mononucleated cells into insulin-producing cells using four specific soluble factors	Seung-Ah Lee	Seoul National University College of Medicine	Korea, Republic of
18	P018	A-T03-0020	T03-General Metabolism	Discovery of a PPARγ/AMPK dual agonist for the development of diabetes and metabolic syndrome treatment	Ji Seon Lee	Seoul National University Hospital	Korea, Republic of
19	P019	A-T01-0021	T01-Adipose tissue	Brown adipocyte-specific overexpression of retinol-binding protein 4 (RBP4) positively regulate thermogenesis by activating the canonical adrenergic signaling pathway	JongYoen Park	Seoul National University	Korea, Republic of
20	P020	A-T03-0022	T03-General Metabolism	Activating transcription factor 4 contributes to NASH via attenuation of Kupffer cells' M2 polarization	Soyoung Park	Soonchunhyang University	Korea, Republic of
21	P021	A-T06-0023	T06-Liver	Multi-omics analysis identifies SMPD1 as a key contributor in sphingolipid Pathway for type 2 diabetes pathogenesis	Baeki Kang	Department of Physiology, Sungkyunkwan University School of Medicine	Korea, Republic of
22	P022	A-T01-0024	T01-Adipose tissue	Roles of mitophagy in the regulation of thermogenesis in brown adipose tissue	Won taek Lee	Institute of Molecular Biology and Genetics, Department of Biological Sciences, Seoul National University	Korea, Republic of
23	P023	A-T06-0025	T06-Liver	Hepatic GSK3β-dependent CRY1 Degradation Contributes to Diabetic Hyperglycemia	Ye Young Kim	Seoul National University	Korea, Republic of
24	P024	A-T08-0026	T08-Others	Lamin B1 degradation plays a critical role in age-associated kidney dysfunctions	Miri Kim	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
25	P025	A-T08-0027	T08-Others	Interplay between cell-cell and cell-matrix stresses of the HNSCC via mild reduction of the cellular surface regulates EMT behaviors	Laurensia Danis Anggradita	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
26	P026	A-T08-0028	T08-Others	Elucidating the role of cell-matrix interaction in regulating chondrocyte phenotypes using cell traction and intracellular force microscopy	Sung Sik Hur	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
27	P027	A-T05-0029	T05-Immunology and Metabolism	Weight Cycling Accelerates Nonalcoholic Fatty Liver Disease (NAFLD) Progression through Activation of IGFBP7	Shindy Soedono	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
28	P028	A-T04-0030	T04-Stem Cells and Beta Cells	Understanding the role of artemisinin in regulating fibrotic phenotypes of TGF-β1-mediated myofibroblasts and keloid dermal fibroblast	Seoeun Yun	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
29	P029	A-T01-0031	T01-Adipose tissue	The Role of ATF4 in Cold-induced Adipose Tissue Browning	Rehna Paula Rasita Ginting	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
30	P030	A-T04-0032	T04-Stem Cells and Beta Cells	Development of a novel strategy for supporting the long-term self-renewal of vocal fold epithelial cells	Samjhana Thapa	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
31	P031	A-T08-0033	T08-Others	Unveiling the focal adhesion-Jysyl oxidase axis: Inhibition of chondrocyte dedifferentiation explored through traction force microscopy	Min-Kyu Kim	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
32	P032	A-T05-0034	T05-Immunology and Metabolism	Paradoxical Roles of Adipocytes and Adipose tissue macrophages (ATMs) in Lipid Homeostasis and Obesity-induced Insulin Resistance	Jiwon Jeong	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
33	P033	A-T08-0035	T08-Others	itf46 gene promoter-driven ciliopathy disease model in zebrafish	Hye-Jeong Han	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
34	P034	A-T08-0036	T08-Others	Zinc finger protein 161 regulates replication fork stability and maintenance of genomic stability by recruiting the ATR/ATRIP complex	Jae-Young Moon	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
35	P035	A-T08-0037	T08-Others	Hypothalamic FGF1 Regulates Systemic Glucose and Energy Homeostasis	Hyemi Shin	Life Science Institute, Korea Advanced Institute of Science and Technology (KAIST)	Korea, Republic of
36	P036	A-T06-0038	T06-Liver	Serotonin is a novel player in selective hepatic insulin resistance	JungEun Nam	Korea Advanced Institute of Science and Technology (KAIST)	Korea, Republic of
37	P037	A-T01-0039	T01-Adipose tissue	scRNAseq reveals depot-specific gene regulations in retroperitoneal and omental adipose tissues by chronic kidney disease	Hong Moonjin	Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University	Korea, Republic of
38	P038	A-T04-0040	T04-Stem Cells and Beta Cells	Pharmacological intervention protects mature beta β-cell identity	Kyun Hoo Kim	Graduate School of Medical Science and Engineering, KAIST	Korea, Republic of
39	P039			ADAR1 Mediated RNA Editing Contributes to Vascular Remodeling in Pulmonary Arterial Hypertension	Yunhye Kim	Boston Children's Hospital	USA