

**FAOPS 2023 Opted List**  
**Poster Optional Oral Presentation, Nov 1st, 10:00 - 12:00, Room 321, 322, 323, EXCO, Daegu**  
**Young Investigator Travel Grant Oral Presentation, Nov 3, 10:10 - 12:10, Room 306 (B), EXCO, Daegu**

Poster No.	Abstract Info.			Presenter's Info.					
	Abstract No.	Topic	Title	Name	Affiliation	Country	Award Opted	Oral Presentation Opted	Presentation Venue
P1-003	P-T01A-0241	01. Muscle A	CASQ1 as an Active Partner of Striatal Interaction Molecule 2 in Skeletal Muscle	Seung Yoon Jeong	Dept of physiology, Coll of Med, The Catholic University of Korea, and Dept of Biomedicine & Health Sciences, Graduate School, The Catholic University of Korea	Korea	Poster Award	-	-
P2-010	P-T02A-0416	02. Exercise A	Mathematical modeling analysis revealed that Akt-mediated inhibition of AMPK is important regulation for resistance exercise-induced protein synthesis in skeletal muscle.	Yuta Sotani	University of Electro-Communication	Japan	Poster Award	-	-
P3-008	P-T02A-0374	02. Exercise A	Different Interactions of Exercise Modulates Liver Mitophagy Appearance and Mitophagy Gene Expression in Low Protein Diet-Induced Rats	Jula Windi Guradi	Department of Physiology, Faculty of Medicine, Universitas Kristen Maranatha	Indonesia	Poster Award	-	-
P3-022	P-T02B-0267	02. Exercise B	Exercise regulates NAD <sup>+</sup> in the hippocampus to prevent cognitive decline induced by physical inactivity	Jimmy Kim	Department of physiology, Graduate School Health and Sports Science, Juntendo University	Japan	Poster Award	-	-
P3-021	P-T03C-0592	03. Heart C	SGLT2 Inhibition with Empagliflozin Ameliorates Myocardial Mitochondrial Dysfunction in Diabetic Mice Heart	Hoai Thi To Nguyen	Iga University	Korea	Poster Award	-	-
P3-027	P-T03D-0570	03. Heart D	Marine Compound Neoptenoside A Protects the Heart from Ischemic/Reperfusion Injury Through GSK3 $\beta$ Inhibition	Jubert Marquez	Iga University	Korea	Poster Award	-	-
P3-026	P-T03D-0566	03. Heart D	Tyrosine Residue Phosphorylation in Mitochondrial Creatine Kinase (CKMT2) Protect from Cardiac Ischemic Injury	Maria Victoria Faith Garcia	Department of Health Sciences and Technology, Graduate School of Iga University	Korea	Poster Award	-	-
P3-013	P-T03B-0546	03. Heart B	Evaluation of Customized Stenting in Patients with Atherosclerosis	Ayeon Hwang	Department of Physiology, College of Medicine Iga University	Korea	Poster Award	-	-
P3-006	P-T03A-0445	03. Heart A	A role of TRPM4 in slowing atrial arrhythmic Ca <sup>2+</sup> cycling and its downregulation in failed atrial myocytes	Ha Nam Tran	College of Pharmacy, Chungnam National University	Korea	Poster Award	-	-
P3-011	P-T03B-0115	03. Heart B	Deep learning-based simultaneous prediction of dose-response curves for ion channels	Jaekyung Song	Asan Medical Center/University of Ulsan College of Medicine	Korea	Poster Award	-	-
P10-001	P-T10B-0060	10. Renal physiology B	Activation of TGR5 increases urine concentration by inducing AQP2 and AQP3 expression in renal medullary collecting ducts	yarin guo	Health Science Center, East China Normal University	China	Poster Award	-	-
P5-003	P-T05D-0504	05. Circulatory system D	Opisthorchis microvascular area is a better predictor over arterial stiffness of disease severity in acute coronary syndrome patients	CHEN CHEN	Yanbian University	China	Poster Award	-	-
P5-016	P-T05D-0466	05. Circulatory system D	Finasteride Prevents Neointimal Hyperplasia and Affects Vascular Smooth Muscle Cells Proliferation, Migration, and Apoptosis	Jeongsuok Kim	Department of Physiology, College of Veterinary Medicine, Chungnam National University	Korea	Poster Award	-	-
P6-010	P-T06B-0514	06. Endocrine, Reproduction B	Inhibition of Lactate Dehydrogenase A stimulates lipid catabolism and hemogenesis via AMPK activation in mouse brown adipose tissue	Sookyoung Lee	Department of Physiology, Yonsei University Wonju College of Medicine	Korea	Poster Award	-	-
P6-025	P-T06I-0469	06. Endocrine, Reproduction I	Acute Cadmium Exposure Impairs Ion Homeostasis of Boar Spermatozoa In Vitro	Akila Cooray	Department of Physiology, College of Veterinary Medicine, Chungnam National University	Korea	Poster Award	-	-
P6-009	P-T06B-0452	06. Endocrine, Reproduction B	RNA Binding Protein HUR is Essential for Adaptive Thermogenesis	Kun-Young Park	KAIST	Korea	Poster Award	-	-
P6-002	P-T06A-0280	06. Endocrine, Reproduction A	Amphetamine acts through the melanocortin system to regulate metabolism and cardiovascular function.	Stephanie Smonds	Monash University	Australia	Poster Award	-	-
P6-033	P-T06I-0262	06. Endocrine, Reproduction I	Hypothalamic FGF1 Regulates Systemic Glucose and Energy Homeostasis	Hyemi Shin	KAIST GSMBE	Korea	Poster Award	-	-
P6-005	P-T06B-0257	06. Endocrine, Reproduction B	ADIPOCYTE COPPER IMPORT via CTR1 IS ESSENTIAL for NON-SHIVERING THERMOGENESIS	Youngeung Lee	Chonnam National University	Korea	Poster Award	-	-
P7-008	P-T07A-0548	07. Neuroscience A	Developmental up-regulation of voltage-gated Na <sup>+</sup> channel and its electrophysiological function in rat hippocampal neurons	Jun-Nyeong Woo	OGIST	Korea	Poster Award	-	-
P7-016	P-T07B-0498	07. Neuroscience B	NR2D subunit containing NMDARs recall in Hippocampal GABAergic interneurons regulates EA balance in epileptic hippocampus	Ramesh Sharma	Laboratory of Veterinary Pharmacology, College of Veterinary Medicine and Research Institute for Veterinary Science, Seoul National University	Korea	Poster Award	-	-
P7-029	P-T07D-0401	07. Neuroscience D	Minoxidil induces atrophy through inhibition of store-operated Ca <sup>2+</sup> Entry (SOCE) in astrocyte	Ye-Ji Kim	Department of Advanced Toxicology Research, Korea Institute of Toxicology, Daegu, Republic of Korea / Department of Human and Environmental Toxicology, University of Science and Technology	Korea	Poster Award	-	-
P7-007	P-T07A-0387	07. Neuroscience A	Macrophage-derived cathepsin S promotes axon regeneration via fibroblasts after peripheral nerve injury	Eri Oshima	Showa University School of Dentistry	Japan	Poster Award	-	-
P7-078	P-T07J-0314	07. Neuroscience J	Enhancement of Mitochondrial homeostasis attenuates anxiety-like behavior.	Chang Hee Pyo	Department of Biochemistry, Chungnam National University School of Medicine; Department of Medical Science, Chungnam National University School of Medicine; Infection Control Convergence Research Center, Chungnam National University School of Medicine; Brain Korea 21 FOUR Project for Medical Science, Chungnam National University	Korea	Poster Award	-	-
P7-077	P-T07J-0313	07. Neuroscience J	Vagus Nerve Mediates Anxiety-like Behavior in Streptozotocin-induced Type 1 Diabetic Mice	Hyun-Joo Choi	Department of Biochemistry, Chungnam National University School of Medicine; Department of Medical Science, Chungnam National University School of Medicine; Brain Korea 21 FOUR Project for Medical Science, Chungnam National University	Korea	Poster Award	-	-
P7-074	P-T07J-0289	07. Neuroscience J	The modulation of mitochondrial function with increase of NAD/NADH ratio protects blood-brain barrier disruption in acute brain injury	Min-Joung Lee	Department of Biochemistry, Chungnam National University School of Medicine	Korea	Poster Award	-	-
P7-051	P-T07I-0285	07. Neuroscience I	Discovery of a novel dual-action small molecule that improves multiple Alzheimer's disease pathologies	Jae-sung Bae	Department of Physiology, School of Medicine, Kyungpook National University	Korea	Poster Award	-	-
P7-091	P-T07L-0266	07. Neuroscience L	Amiloride 1-42 Modulates Heat Pain Sensitivity in Aged Mice Through TRPV1 Inhibition via the LRP1-SHP2 Pathway	Chul-Kyu Park	Gachon Pain Center and Department of Physiology, College of Medicine, Gachon University	Korea	Poster Award	-	-
P7-072	P-T07J-0280	07. Neuroscience J	Global Cerebral Ischemia-Induced Depression Associated with Altered Neuronal Excitability in the Infralimbic Cortex Layer 2/3 Pyramidal Neurons	Dong Cheol Jang	Department of Physiology, College of Korean Medicine, Kyung Hee University	Korea	Poster Award	-	-
P9-012	P-T09C-0427	09. Digestive physiology C	Regulation of Smooth Muscle Contraction in Mouse Jejunum by Mechanosensitive Cationic Piezo1 Channels Expressed in Interstitial Cells of Cajal	Makoto Nakao	Division of Life Sciences, Graduate School, Kyoto Sangyo University	Japan	Poster Award	-	-
P9-009	P-T09F-0326	09. Digestive physiology F	Synbiotic mixture migrates stress-induced intestinal morphology abnormalities and gut leakage through restoration of ZO-1 protein expression	Nattakan Treeskornsakul	Department of Basic Medical Sciences, Faculty of Medicine, Siam University	Thailand	Poster Award	-	-
P9-004	P-T09C-0114	09. Digestive physiology C	ALTERATION IN NEURAL COMPOSITION OF CENTRAL PATHWAYS REGULATING COLONIAL MOTILITY IN PARKINSON'S DISEASE MODEL IN RATS.	Tomoya Sawamura	Laboratory of Physiology, Joint Graduate School of Veterinary Sciences, Gifu University	Japan	Poster Award	-	-
P11-036	P-T11G-0617	11. Molecular & Cell Biology G	Two specific interactions between TRPM3-GABARAPL2/GATE16-Rab33B regulates autophagy	Jewoo Park	Surghyunwan University School of Medicine	Korea	Poster Award	-	-
P11-032	P-T11C-0569	11. Molecular & Cell Biology C	WNKs regulates autophagy via lysosomal TRPML1 channel	Subo Lee	Yonsei University Wonju College of Medicine	Korea	Poster Award	-	-
P11-048	P-T11L-0536	11. Molecular & Cell Biology L	Comparison of obesity and aging signatures in murine adipose tissue at single-cell resolution	Eries Lee	KAIST	Korea	Poster Award	-	-
P11-015	P-T11A-0525	11. Molecular & Cell Biology A	Cryo-EM Structure and Function of a Calcium-Activated Chloride Channel BEST1 in a Wide-Open State	Kwon-Woo Kim	KBRI	Korea	Poster Award	-	-
P11-030	P-T11C-0487	11. Molecular & Cell Biology C	Oxidative stress-induced calcium dyshomeostasis by epigenetic alterations of TRPC1 gene contribute to the progression of Huntington's disease	Byeongsuok Jeong	Department of Physiology, Seoul National University College of Medicine	Korea	Poster Award	-	-
P11-051	P-T11O-0434	11. Molecular & Cell Biology O	Pain/Inflammation-mediated PHF2 loss aggravates hepatocellular carcinoma in the SREBP1c-dependent manner	Do-Won Jeong	Seoul National University College of Medicine	Korea	Poster Award	-	-
P11-041	P-T11K-0357	11. Molecular & Cell Biology K	Rx1 induces apoptotic cell death of human brain cancer through caspase 12-mediated regulation of ER stress	Gahui Lee	Department of Physiology, Jeonbuk National University Medical School	Korea	Poster Award	-	-
P11-050	P-T11O-0283	11. Molecular & Cell Biology O	The Role of TRPV4 Channel in Wound Healing of Murine Esophageal Keratinocytes	Ammar Boutika	College of Medicine, QU Health, Qatar University	Qatar	Poster Award	-	-
P11-005	P-T11A-0121	11. Molecular & Cell Biology A	The distinct biophysical properties and physiological roles of two zebrafish HCN4 pacemaker channels	Jiaying Liu	Div. of Integrative Physiol., Dept. of Physiol., Jichi Med Univ	Japan	Poster Award	-	-

P14-001	P-T14A-0152	14. Stem Cells & Organoid A	LncRNA-CIRB induces MSCs to differentiate into cardiomyocytes and prevents myocardial infarction	Lan Hong	Department of Physiology and Pathophysiology, College of Medicine, Yunnan University	China	Poster Award	-	-
P15-018	P-T15F-0556	15. Inflammation and immune physiology F	Bile acids direct neutrophils to maintain intestinal homeostasis through NET formation	Yu-Bin Lee	Kyungpook National University	Korea	Poster Award	-	-
P15-023	P-T15F-0085	15. Inflammation and immune physiology F	EPITHELIAL HYPERACTIVATION OF MYOBLAST LIGHT CHAIN KINASE CAUSES BACTERIAL INTERNALIZATION AND MICROBIOTA DYSBIOSIS TO EVOLVE CIRCADIAN DYSRHYTHMIA AND CHRONIC INFLAMMATION	YU-CHEN PAI	Graduate Institute of Physiology, National Taiwan University College of Medicine	Taiwan	Poster Award	-	-
P16-010	P-T16D-0637	16. Mitochondria D	Fatty acid-dependent mitochondrial activity and its regulation by neuronal nitric oxide synthase in hypertensive rat hearts	Yu Na Wu	Yunnan University Hospital	China	Poster Award	-	-
P17-008	P-T17B-0576	17. Cancer physiology B	Humanin Promotes Glioblastoma Progression Through Integrin $\alpha$ V-TGF $\beta$ Axis	Cuong Ha	Yonsei University, Wonju College of Medicine	Korea	Poster Award	-	-
P17-027	P-T17H-0467	17. Cancer physiology H	DEVELOPMENT AND EVALUATION OF NANO-EMULSION CONTAINING CURCUMIN FOR TRANSDERMAL DELIVERY TO IMPROVE THERAPEUTIC EFFECTS IN BREAST CANCER	Anupa Sivakumar	International Medical University	Malaysia	Poster Award	-	-
P17-029	P-T17C-0150	17. Cancer physiology C	Development of a high-throughput system for advanced functional cell analysis within immunology	Sorije Stoeble-Fox	Nanon Technologies	Germany	Poster Award	-	-
P18-008	P-T18E-0630	18. Education E	Competition—a method of promoting teaching : Brief introduction of Physiological quiz for Chinese students in medical and health-related major	Hong Sun	Xuzhou Medical University	China	Poster Award	-	-
P19-023	P-T19C-0651	19. Alternative Medicine C	EXPLORING THE ROLE OF PROPOLIS ON LIPID PROFILE OF WISTAR RATS WITH INDUCED DYSLIPIDEMIA	Puri Teesa Radhiyanti Santoso	Universitas Padjadjaran	Indonesia	Poster Award	-	-
P19-015	P-T19C-0502	19. Alternative Medicine C	Protective Effect of Lotus Seed (Nelumbo nucifera) Extract on Male Reproductive Toxicity in L-NAME induced Hypertensive Rats	Anjana Inchan	Department of Physiology, Faculty of Medical Science and Center of Excellence for Innovation in Chemistry, Naresuan University	Thailand	Poster Award	-	-
P19-011	P-T19C-0348	19. Alternative Medicine C	Efficacy analysis of fermented Cordyceps cicadae for amelioration of cataract formation	Evelyn Chu	Department of Medical Laboratory and Biotechnology, Chung Shan Medical University	Taiwan	Poster Award	-	-
P19-008	P-T19A-0275	19. Alternative Medicine A	Acupuncture stimulation promoted anti-inflammation signaling in the medial septum and restored often induced hyperalgesia in the rats	Su Yeon Seo	Korea Institute Of Oriental Medicine	Korea	Poster Award	-	-
P2-001	P-T02A-0043	02. Exercise A	Influence ingestion of red dragon fruit extract on mitochondrial cytochromes in soleus muscle after moderate exercise in rats (Rattus norvegicus)	Gusbaldi Rusp	Department Physiology Faculty Medicine Universitas Prima Indonesia	Indonesia	Poster Award	Optional Oral Presentation	323
P2-002	P-T02A-0224	02. Exercise A	Effect of different intensities aerobic exercise to cardiac angiogenesis regulation on wistar rats	Nova Sylvana	Physiology Division, Biomedical Sciences Department Faculty Medicine Universitas Padjadjaran	Indonesia	Poster Award	Optional Oral Presentation	323
P2-014	P-T02A-0583	02. Exercise A	Aerobic exercise training improves learning and memory function and modulates neuroinflammatory responses in LPS-induced amnesic model	Jaewon Choi	Yonsei University	Korea	Poster Award	Optional Oral Presentation	323
P2-016	P-T02A-0644	02. Exercise A	Different exercise intensities modify ACE2/MasR/ANGS mRNA expression in Rat's lung	Hanna Goeunwan	Faculty of Medicine, Universitas Padjadjaran	Indonesia	Poster Award	Optional Oral Presentation	323
P3-029	P-T03D-0635	03. Heart D	Mechanism of circunp1 in regulating mitol in ferroptosis-mediated myocardial injury	Qi Li	Qingdao University	China	Poster Award	Optional Oral Presentation	323
P6-023	P-T06B-0164	06. Endocrine, Reproduction I	KISS-1 can inhibit the invasion of ectopic endometrium in mice endometriosis disease model	Lingnan Kong	Sichuan University	China	Poster Award	Optional Oral Presentation	323
P7-049	P-T07H-0321	07. Neuroscience H	Finding clinical indicator for evaluating sleep quality of non-invasive core temperature changes with polysomnography	Kyungyong Park	Department of Physiology, College of Medicine, Catholic Kwandong University	Korea	Poster Award	Optional Oral Presentation	322
P7-052	P-T07I-0298	07. Neuroscience I	JPRmt mediates anti-inflammatory response for attenuation of kainic-induced hydrocephalus	Jiebo Zhu	1. Department of Medical science, Chungnam National University School of Medicine 2. Department of Biochemistry, Chungnam National University, School of Medicine 3. Brain Korea 21 FOUR Project for Medical Science, Chungnam National University School of Medicine	Korea	Poster Award	Optional Oral Presentation	322
P7-075	P-T07 J-0287	07. Neuroscience J	Promising effects of CBD-loaded nanolipid carriers in reduction of anxiety- and panic-like behaviors and hippocampal cell death in immobilization-stressed rats	Somkiat Sarachat	Department of Basic Medical Sciences, Faculty of Medicine, Siam University	Thailand	Poster Award	Optional Oral Presentation	322
P7-097	P-T07L-0433	07. Neuroscience L	Tactile hypersensitivity relies on Piezo1 in nociceptors during inflammation	Pa Reum Lee	Brain Science Institute, Korea Institute of Science and Technology (KIST)	Korea	Poster Award	Optional Oral Presentation	322
P8-002	P-T08F-0107	08. Epithelial physiology F	Role of actin in time-dependent shift of docking dynamics of glucagon-like peptide-1 granules during biphasic exocytosis	Kazuki Harada	The University of Tokyo	Japan	Poster Award	Optional Oral Presentation	321
P9-013	P-T09G-0483	09. Digestive physiology G	Molecular triggering mechanism of hepatocyte regeneration after massive hepatectomy in mice	Shimin Chen	Department of Pathophysiology, Hainan Medical University	China	Poster Award	Optional Oral Presentation	321
P10-006	P-T10A-0243	10. Renal physiology A	Apolipoprotein J accumulation in renal tubules contributes to pathogenesis of diabetic nephropathy	Duan Shangdi	Hunan University	China	Poster Award	Optional Oral Presentation	321
P11-007	P-T11A-0255	11. Molecular & Cell Biology A	The analysis of lithium permeation mechanisms of prokaryotic sodium channel	Yuki Maeda	Department of Pharmacology, Faculty of Medicine, Wakayama Medical University	Japan	Poster Award	Optional Oral Presentation	321
P11-019	P-T11A-0588	11. Molecular & Cell Biology A	TRPC6 deficiency induces adipocyte dysfunction and phenotypic traits resembling obesity	Phan Anh Nguyen	Department of Physiology, Department of Global Medical Science, Mitohomesis Research Center, Institute of Mitochondrial Medicine, and Institute of Lifestyle Medicine, Yonsei University, Wonju College of Medicine	Korea	Poster Award	Optional Oral Presentation	321
P16-007	P-T16A-0468	16. Mitochondria A	Epoxide-induced 2,4 (E24) regulates mitochondrial activity and mitochondrial dynamics	Thu T Bui	Departments of Biochemistry and Global Medical Science, Wonju College of Medicine, Yonsei University	Korea	Poster Award	Optional Oral Presentation	321
P19-016	P-T19C-0533	19. Alternative Medicine C	Chrysosplenol C decreases mitochondrial reactive oxygen species and prevents pathologic progress to heart failure in transverse aortic constriction rat model	Kim Phuong Luong	College of Pharmacy, Chungnam National University	Korea	Poster Award	Optional Oral Presentation	321
P2-007	P-T02A-0327	02. Exercise A	Dynamics of mRNA expression in rat skeletal muscle after resistance exercise	Daisuke Hoshino	The University of Electro-Communications	Japan	-	Optional Oral Presentation	323
P3-033	P-T03F-0232	03. Heart F	Cardiac efficiency and Starling's law of the heart	June-Chew Han	The University of Auckland	New Zealand	-	Optional Oral Presentation	323
P20-048	P-T05C-0805	05. Circulatory system C	Role and mechanism of circZKSCAN1 in regulating endothelial cell function and endothelial repair	Xiaoli Li	Qingdao University	China	-	Optional Oral Presentation	323
P7-082	P-T07 J-0417	07. Neuroscience J	The impact of stress on observational fear learning in mice	Yu-Ya Liao	National Central University	Taiwan	-	Optional Oral Presentation	322
P20-011	P-T07E-0748	07. Neuroscience E	Hypothalamic BDNF-expressing neurons encode a conspecific-tuned, sex-specific behavioral state that modulates social investigation	Shih-Che Lin	Institute of Biomedical Sciences, Academia Sinica	Taiwan	-	Optional Oral Presentation	322
P20-027	P-T07I-0785	07. Neuroscience I	Amyloid beta oligomer activates the microglial NOD2/RIPK2 signaling via ER stress	Cat Tuong Chau	Yonsei university Wonju college of Medicine	Korea	-	Optional Oral Presentation	322
P20-035	P-T07C-0774	07. Neuroscience C	Demystifying molecular basis of sleep: intracellular signaling behind regulation of sleep depth and quantity	Seo Jakyong Kim	KPIHIS, University of Tsukuba	Japan	-	Optional Oral Presentation	322
P20-071	P-T07 J-0829	07. Neuroscience J	Alterations of posture and kinematics of the mouse model of ADHD due to decreased tonic inhibition in the cerebellum	Jong Min Kim	Dankook university	Korea	-	Optional Oral Presentation	322
P15-013	P-T15C-0408	15. Inflammation and immune physiology C	Galectin-9-expressing infiltrated macrophages alleviate liver fibrosis by inhibiting activated hepatic stellate cells through Tim-3 signaling	Chaerin Woo	Korea Advanced Institute of Science and Technology (KAIST)	Korea	-	Optional Oral Presentation	321
P17-004	P-T17A-0532	17. Cancer physiology A	Insulin resistance-associated redoxlation impairment promotes accelerated tumor migration	Jun Bum Park	Department of Biomedical Science, Ischemic/hypoxic disease institute, Seoul National University College of Medicine	Korea	-	Optional Oral Presentation	321
P7-035	P-T07E-0284	07. Neuroscience E	Beta frequency dynamics in the frontal cortex and neuropharmacological potential of Indian cork flower tea during thapsigargin-induced sleep in mice	Niravada Samerphob	Prince of Songkla University	Thailand	YITG Awardee	-	-
P7-060	P-T07I-0387	07. Neuroscience I	The potential therapeutic effects of camastanol encapsulated lipid-nanoparticles for Parkinson's disease with diabetes in a rat model with cognitive impairment	Sarawat Lapmanee	Faculty of Medicine, Siam University	Thailand	YITG Awardee	-	-
P7-103	P-T07L-0552	07. Neuroscience L	Molecular docking and molecular dynamic simulation of candamaron on the voltage-gated sodium channel 1.7	Mohamed Haniel Khalid	Department of Biomedical Science, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	Malaysia	YITG Awardee	-	-
P1-002	P-T01C-0140	01. Muscle C	Pre-exercise Cordyceps supplementation accelerates muscle stem cell replenishment following exercise	Lutfia Dewi	University of Taipei	Taiwan	YITG Awardee	-	-
P2-021	P-T02B-0185	02. Exercise B	Assessing the effect of regular aquatic exercise on micro- and macro-vascular physiology of older adults: a randomised-controlled trial (ACELA II study)	Alexandros Mitropoulos	Sheffield Hallam University	United Kingdom	YITG Awardee	-	-

P3-030	P-T03D-0639	03. Heart D	Rsxn1 and kaempferol protect heart from myocardial ischemia-reperfusion injury through the regulation of ferroptosis	Zhang Kaicheng	Tzu Chi University	Taiwan	YITG Awardee	-	-
P4-006	P-T04D-0646	04. Respiratory Systems D	Effect of chronic hyperglycemia and SGLT 2 inhibitors on the acute lung injury	Rinkoo Yadav	Department of Physiology, Institute of Medical Sciences, Banaras Hindu University	India	YITG Awardee	-	-
P6-019	P-T06E-0481	06. Endocrine, Reproduction E	Long-term testosterone effects on small-conductance Ca <sup>2+</sup> -activated K <sup>+</sup> currents and expression in human coronary artery endothelial cells	Katesiri Ruanyod	Department of Physiology, Faculty of Medicine, Sittoung Hospital, Mahidol University	Thailand	YITG Awardee	-	-
P6-032	P-T06K-0323	06. Endocrine, Reproduction K	A combination of dapagliflozin and metformin ameliorates diabetic nephropathy by suppressing oxidative stress, inflammation, apoptosis, and activating autophagy in diabetic rats	Kit Jakumkao	Department of Radiologic Technology, Faculty of Associated Medical Sciences, Chiang Mai University	Thailand	YITG Awardee	-	-
P7-066	P-T07I-0508	07. Neuroscience I	Therapeutic effects of Delta-9-tetrahydrocannabinol (ΔTHC) as Alzheimer's disease pharmacotherapy: Behavioral and neuronal changes in hippocampus in induced rat model	Arifah Abdullah Masod	Universiti Teknologi MARA Puncak Alam campus	Malaysia	YITG Awardee	-	-
P7-089	P-T07L-0229	07. Neuroscience L	Neuromodulatory effect of zearinone on alpha-2A adrenoceptor, NMDA NR2B receptor and TRPV1 channel in in silico and in vitro model of neuropathic pain	Noor Aishah Mohammed Izzah	Management and Science University	Malaysia	YITG Awardee	-	-
P10-008	P-T10A-0338	10. Renal physiology A	Protective effects of prebiotic fructo-oligosaccharide on renal organic anion transporter 3 and renal function in pre-diabetic rats	Nattavadee Pengratanauchot	Department of Physiology, Faculty of Medicine, Chiang Mai University	Thailand	YITG Awardee	-	-
P11-029	P-T11C-0385	11. Molecular & Cell Biology C	Tric mediated calcium influx in myoblasts is regulated by POLM5 scaffold protein	Mingyi Dong	Nagoya University	Japan	YITG Awardee	-	-
P11-046	P-T11L-0451	11. Molecular & Cell Biology L	In silico prediction and validation of PDKCA as the target of novel miR-1133 in human umbilical vein endothelial cells exposed to hyperglycemia	Nur Syakirah Binti Othman	Department of Physiology, Faculty of Medicine, Universiti Kebangsaan Malaysia	Malaysia	YITG Awardee	-	-
P13-401	P-T13B-0176	13. Genomics & Proteome B	Masturbation improves hypothalamic Arg4 polarization in APP/PS1 mice: Evidence from spatial transcriptomics	Shuping Liu	Chengdu University of Traditional Chinese Medicine	China	YITG Awardee	-	-
P14-002	P-T14A-0185	14. Stem Cells & Organoid A	CCR5 exhibits distinct roles in bone marrow stromal cells and hematopoietic cells to modulate hematopoietic reprogramming and immunosuppressive activity	Shuch-Wen Chen	Institute of Physiology, National Yang Ming Chiao Tung University	Taiwan	YITG Awardee	-	-
P15-006	P-T15E-0181	15. Inflammation and immune physiology E	Low expression of SNAREs in antigen-presenting cells causes immune dysregulation in the elderly after single-strand GU-rich viral RNA infection	Yu-Xuan Wu	National Yang Ming Chiao Tung University	Taiwan	YITG Awardee	-	-
P19-013	P-T19F-0458	19. Alternative Medicine F	Ginsenoside attenuates diet-induced obesity and metabolic dysfunctions in gonadectomized mice with some sex-differential features	Kasiphak Kakaew	Center of Excellence in Alternative and Complementary Medicine for Gastrointestinal and Liver Diseases, Department of Physiology, Faculty of Medicine, Chulalongkorn University	Thailand	YITG Awardee	-	-
P7-070	P-T07J-0166	07. Neuroscience J	The lateralization effect of dorsal insular cortex and rostral ventrolateral medulla on cardiovascular function in focal stroke	Yun-Hui	National Cheng Kung University	Taiwan	YITG Awardee	-	-
P1-010	P-T01A-0805	01. Muscle A	How do functional responses to antimuscarinic medications in juvenile or adult bladder detrusor tissues differ?	Vineesha Veer	Faculty of Health Sciences & Medicine, Bond University	Australia	YITG Awardee	YITG Oral Presentation	306 (B)
P3-037	P-T03G-0422	03. Heart G	Pik2c conditional knockout mice may become a useful model for understanding the pathogenesis of post-capillary pulmonary hypertension	Daki Saya	The Jikei University School of Medicine	Japan	YITG Awardee	YITG Oral Presentation	306 (B)
P7-009	P-T07B-0006	07. Neuroscience B	Rapid astrocyte-dependent facilitation amplifies multi-vesicular release in hippocampal synapses	Jongyun Myeong	Washington University	USA	YITG Awardee	YITG Oral Presentation	306 (B)
P7-046	P-T07G-0626	07. Neuroscience G	Postnatal Development of Hippocampal Function: Contextual Learning Performance Correlates with Pathway-Specific Plasticity at Hippocampal CA1 Synapses	Yuheng Yang	Yamaguchi University Graduate School of Medicine	Japan	YITG Awardee	YITG Oral Presentation	306 (B)
P7-057	P-T07I-0376	07. Neuroscience I	A novel NMDA receptor modulator rises a new hope for the treatment of multiple system atrophy: From preclinical models to patients	De-Zhong Luo	National Taiwan University	Taiwan	YITG Awardee	YITG Oral Presentation	306 (B)
P7-120	P-T07P-0309	07. Neuroscience P	Transient prenatal nucleolin treatment promotes neurogenesis and suppresses astrogliogenesis during Ts1Cje mouse brain development	Shahidee Zainal Abidin	Universiti Malaysia Terengganu	Malaysia	YITG Awardee	YITG Oral Presentation	306 (B)
P9-007	P-T09B-0187	09. Digestive physiology B	The tight junction protein ZO-1 regulates mitotic spindle orientation to promote mucosal repair in A YB/C and cytoskeletal binding protein-dependent manner	Wei-Ting Kuo	Graduate Institute of Oral Biology, College of Medicine, National Taiwan University	Taiwan	YITG Awardee	YITG Oral Presentation	306 (B)
P11-037	P-T11H-0028	11. Molecular & Cell Biology H	Single-Molecule Imaging to Reveal a Role of P14.5/P2-Channel Interactions in M-channel Trafficking Regulation in Neurons	Daisuke Yoshioka	Graduate School of Medicine, Osaka University	Japan	YITG Awardee	YITG Oral Presentation	306 (B)