

Tuesday, September 26 - Wednesday, September 27

Venue: Conference Room 406 (Sept. 26-27)

Lobby, Convention Hall 300 (Sept. 26-27)

Student Presentations

Description:

In this session, students of overseas partner universities and University of Tsukuba give oral/poster presentations. This "Student Presentations" meeting has been held annually to advance research activities and facilitate international exchanges. Topics include medical science and life science.

Session Organizers: Aki Takahashi, Yumi Yamashita-Kanemaru, Hidekazu Nishikii, Hiroko Miyadera, Yasuyuki Suda

9:25-9:30 Opening Remarks

Prof. Shigeru Chiba, University of Tsukuba

Oral Presentation I (Sept. 26, 9:30-10:55, Conference Room 406)

Chairs: Dr. Keiichiro Hattori, Dr. Manabu Kusakabe
University of Tsukuba

O-1 9:30-9:42	Chen Chen "Glycoprotein Nmb Exposes on Cell Surface of Dormant Breast Cancer Cells and Induces Stemness"	University of Tsukuba
O-2 9:42-9:54	Keiichiro Hattori "Genetic Evidence Implying the Common Precursor Cells for Primary and Systemic Relapsed Tumors in Primary Central Nervous System Lymphoma (PCNSL)"	University of Tsukuba
O-3 9:54-10:06	Meidi Utami Puteri "TMEPAI Tumorigenic Activity in Breast Cancer Cells"	University of Tsukuba
O-4 10:06-10:18	Junya Tamaoki "LSD1 Deficiency Impairs Definitive Hematopoiesis in Zebrafish"	University of Tsukuba
O-5 10:18-10:30	Luan Cao-Sy "Hyperplasia of Nestin-Expressing Schwann-Like Cells in the Bone Marrow of Patients with Myelodysplastic Syndromes"	University of Tsukuba
O-6 10:30-10:42	Sophie D. Tran "Targeting Novel Oncogene THG-1 with Macrocyclic Peptides for Esophagus Squamous Cell Carcinoma Therapeutic"	University of Tsukuba
O-7 10:42-10:54	Farzana Ferdous "Pneumonia Death in Young Children"	University of Tsukuba

10:55-11:05 Coffee Break

Oral Presentation II (Sept. 26, 11:05-12:30, Conference Room 406)

Chairs: Ms. Kaushalya Kulathunga, Dr. Michito Hamada
University of Tsukuba

O-8 11:05-11:17	Shiho Honda "Production of a Non-invasive Monitoring System of Uncoupling Protein 1-expressing Adipocytes"	University of Tsukuba
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O-9 (P-42) 11:17-11:29	Rafael Costa "Testosterone Promotes Vascular Dysfunction in High Fat Diet (HFD)-fed Obese Mice via NRF2 Downregulation and Oxidative Stress"	University of São Paulo
O-10 11:29-11:41	Emre Bektik "Facilitated Cell Cycle Exit Improves Quality of Induced Cardiomyocytes"	University of Tsukuba
O-11 11:41-11:53	Chih-Yao Liu "Genetic Analyses of Molecules and Neural Circuits Regulating REM Sleep"	University of Tsukuba
O-12 11:53-12:05	Sakura Eri Maezono "Abnormal Sleep Architecture and Learning Ability in an Alzheimer's Disease Mouse Model"	University of Tsukuba
O-13 (P-11) 12:05-12:17	Laís Balico "Expression of Mitochondrial NAD ⁺ Transporter from <i>Aspergillus fumigatus</i> Recovers the Metabolism in HEK-293 Cells with Citrin Gene Knockdown"	University of São Paulo
O-14 12:17-12:29	Kosaku Yoshida "Search for Novel Sleep-Regulating Genes using <i>Caenorhabditis elegans</i> "	University of Tsukuba

12:30-13:30 Lunch Break

2 min talk for Poster Presentations (Sept. 26, 13:30-14:20, Conference Room 406)

P-3 13:30-13:32	Han-Siou Jian "Investigate on the Regulatory Factors of R-loop Formation and Immunoglobulin Class Switch Recombination"	National Taiwan University
P-5 13:32-13:34	Ko-Chien Chen "The Role of Grb7 in Mammary Gland Development and Cancer Progression"	National Taiwan University
P-7 13:34-13:36	Guan-Ling Chou "Study on Therapeutic Mechanism and Development of Mitoxantrone-Amino Acid Conjugated Derivatives"	National Taiwan University
p-9 13:36-13:38	Ming Wang "A Cell-cycle and microRNA-based AND Logic Gate to Specifically Kill Epithelial Cancer Cells"	National Taiwan University
P-13 13:38-13:40	Takuya Shimura "The Role of Elov16 in the Olfactory System"	University of Tsukuba
P-15 13:40-13:42	Jong-Chan Hwang "Roles of NRBP1-THG-1 Interaction in β -Catenin/WNT Signaling Pathway"	University of Tsukuba
P-17 13:42-13:44	Vishal Gor "Survival of <i>Staphylococcus aureus</i> Under Dry Conditions: Involvement of Expression in Sub-population Genes"	University of Tsukuba
P-19 13:44-13:46	Veronica Medrano Romero "Low Nutrient Stress Triggers Natural Competence in <i>Listeria Monocytogenes</i> "	University of Tsukuba
P-21 13:46-13:48	Jake Adolf Villanueva Montecillo "Functional Characterization of Drug Responsive Protein 35kDa (Drp35) in <i>Staphylococcus aureus</i> "	University of Tsukuba

P-23 13:48-13:50	Shohei Shibagaki "Long-term Survival of the Mouse ES Cell-derived Mast Cell, MEDMC-BRC6, in Mast Cell-deficient KitW-sh/W-sh Mice"	University of Tsukuba
P-25 13:50-13:52	Shota Miyake "Characterization of Allergin-1 immunoreceptor by Using Newly Generated Monoclonal Antibodies Against Allergin-1"	University of Tsukuba
P-27 13:52-13:54	Tomoki Sakasai "Visualization of Inflammatory Response with Accumulated Lymphocytes by NIR Imaging Mice"	University of Tsukuba
P-29 13:54-13:56	Yumi Mori "Development of Dual Imaging System for Fibrosis"	University of Tsukuba
P-33 13:56-13:58	Vu T. Nguyen "Identification of New Nrf2-Target Genes in Zebrafish Embryos"	University of Tsukuba
P-35 13:58-14:00	Yuka Iwahashi "Association of a TNFSF4 Upstream Region Polymorphism with Proteinase 3-ANCA Positive Vasculitis"	University of Tsukuba
P-37 14:00-14:02	Hai Yen Tran "Analysis of X Chromosome Reactivation During Reprogramming"	University of Tsukuba
P-39 14:02-14:04	Cai Yiou "Involvement of Lysine Specific Demethylase 1 in the Development of Endodermal Organs in Zebrafish"	University of Tsukuba
P-41 14:04-14:06	Yukiko Hiraishi "Establishment of Atherosclerosis In Vivo Imaging System using iRFP Transgenic Mice"	University of Tsukuba
P-43 14:06-14:08	Risa Fujii "MafB Inhibits Tumor Growth Through Regulating Tumor Associated Macrophages in Spleen"	University of Tsukuba
P-45 14:08-14:10	Sayaka Fuseya "The Role of Mucin-type O-glycan in Renal Glomerular Podocyte"	University of Tsukuba
P-47 14:10-14:12	Hiromasa Wakui "Tim4 Requires Mucin-type O-glycans for Stable Expression in Macrophage"	University of Tsukuba
P-49 14:12-14:14	Riku Suzuki "The Screening of New Function of Mucin-Type O-glycan"	University of Tsukuba
P-51 14:14-14:16	Airi Ota "Cytotoxic Effects by Combination of a Novel Low-energy Thermal Therapy, Oncothermia and Radiation"	University of Tsukuba
P-53 14:16-14:18	Juan Martin Uehara "Effects of aripiprazole on radial-arm maze learning deficits in rats subjected to chronic neonatal treatment with MK-801"	University of Tsukuba
P-55 14:18-14:20	Li-Yun Lin, Hsin-Yun Wang, Szu-Chun Yang, Meng-Ting Yu, Chen-Pang Wang "GIP-TRIAD Program at National Taiwan University: Global Joint Degree Program in Agro-Biomedical Sciences on Food Security and Healthcare"	National Taiwan University

Poster Exhibitions (Sept. 26-27, Lobby, Convention Hall 300)

Discussion time (Sep 27, 14:20-15:20)

Oral Presentation III (Sept. 26, 15:20-16:32, Conference Room 406)Chairs: Mr. Mitsuaki Kashiwagi, Dr. Yu Hayashi
University of Tsukuba

O-15 (P-38) 15:20-15:32	Houyam Tibar "Non-Motor Symptoms of Parkinson's Disease in a Cohort of 100 Patients"	Bordeaux University
O-16 15:32-15:44	Weizhe Lu "A Global Characterization of the Translational Program in Cardiac PRMT1-deficient Mice by Ribosome Profiling"	University of Tsukuba
O-17 15:44-15:56	Toshiya Yonezawa "Orexin B induces a GABAergic Inhibitory Tone to Noradrenergic Neurons in the Locus Coeruleus"	University of Tsukuba
O-18 15:56-16:08	Chandra Louis "Excitation of the BNST GABAergic Neurons in DpMe Controls the Duration of Wakefulness after Immediate Transition from NREM Sleep"	University of Tsukuba
O-19 16:08-16:20	Jiyeon Cho "Neuronal Functional Organization of the Hippocampus"	University of Tsukuba
O-20	Withdrawn	
O-21 16:20-16:32	Sayaka Ohrui "Design and Synthesis of Orexin 1 Receptor Selective Antagonists"	University of Tsukuba

Oral Presentation IV (Sept. 27, 9:30-10:55, Conference Room 406)Chairs: Mr. Shohei Shibagaki, Dr. Yumi Yamashita-Kanemaru
University of Tsukuba

O-22 9:30-9:42	Yukino Ogura "The Role of Neutrophil Elastase in Acute Myocardial Infarction"	University of Tsukuba
O-23 (P-52) 9:42-9:54	Shu-Ju Lin "Prioritizing Association Strength of Candidate Pathways Based on Bayesian Regression Model"	National Taiwan University
O-24 9:54-10:06	Nhi Tran Vo Kieu "Establishment of an Auto-erasable Vector for Isolating Pure Population of Differentiated Cells"	University of Tsukuba
O-25 10:06-10:18	Nho Luong Cong "Persulfide-mediated Protection of Protein Tyrosine Phosphatase 1B against Reactive Oxygen Species Derived from 9,10-phenanthrenequinone <i>in vitro</i> "	University of Tsukuba
O-26 10:18-10:30	Phuong Linh Bui "Mechanistic Analysis of the Initiation of Retroviral Gene Silencing by Reprogramming Factors"	University of Tsukuba
O-27 10:30-10:42	Anna Ignatochkina "Role of Cap 4 Methylations in the mRNA Re-capping in Kinetoplastid Parasites"	University of Tsukuba
O-28 (P-1) 10:42-10:54	Christopher Rackauckas "The Hidden Information in Biological Randomness"	University of California, Irvine

10:55-11:05 Coffee Break		
Oral Presentation V		
(Sept. 27, 11:05-12:30, Conference Room 406)		
Chairs: Ms. Veronica Medrano Romero, Dr. Hiroko Miyadera University of Tsukuba		
O-29 11:05-11:17	Yuho Nakamura "Development and Characterization of Monoclonal Antibody for TIGIT"	University of Tsukuba
O-30 (P-31) 11:17-11:29	Yi-Lan Chen "How mRNA Wraps the 30S at the Beginning of Translation"	National Taiwan University
O-31 11:29-11:41	Takahiro Kuroki "The Assembly of Stable Influenza Virus Particles Requires Recycling Endosome-Mediated Virus Genome Transport"	University of Tsukuba
O-32 11:41-11:53	Morihiko Tomatsuri "The Effect of Ocean Acidification on the Prey Searching Behavior of Carnivorous Gastropod"	University of Tsukuba
O-33 11:53-12:05	Mariana Almeida "Inhibition of House Dust Mite-induced MAP Kinase Activation in Dendritic Cells by Allergen-1 Immunoreceptor"	University of Tsukuba
O-34 (P-2) 12:05-12:17	Camden Jansen "Integrative Analysis of Single-cell ATAC-seq and RNA-seq using Self-Organizing Map Fusion"	University of California, Irvine
O-35 12:17-12:29	Yancheng Liu "Archaea RNA Ligase is Required for Circularizing Small Non-Coding RNA"	University of Tsukuba
12:30-13:30 Lunch Break		
2 min talk for Poster Presentations		
(Sept. 27, 13:30-14:15, Conference Room 406)		
P-4 13:30-13:32	Po-Yu Liao "Light Mediate the Oxytocin Release in Mouse"	National Taiwan University
P-6 13:32-13:34	Jia-Rong Bao "Intrinsically Photosensitive Retinal Ganglion Cells Influence the Visual System"	National Taiwan University
P-8 13:34-13:36	Chiao-Wei Lin "The Role of Zinc for the Anti-ROS and Heavy Metal Chelation Ability of MT3"	National Taiwan University
P-10 13:36-13:38	Shih-Han Huang "Effect and Mechanism of Semaphorin 6A on Stimulation of Immunity ex vivo in Non Small Lung Cancer Cells"	National Taiwan University
P-12 13:38-13:40	Kaushalya Kulathunga "Tyrosinase Deficient Albino Mice Show Strain Dependent Diet Induced NASH Susceptibility"	University of Tsukuba
P-14 13:40-13:42	Yunshin Jung "Factor X Additional Gene Therapy with Pdx1, Neurod1 and Mafa Improves Insulin Production and Glucose Response in Mouse Liver "	University of Tsukuba

P-16 13:42-13:44	Shayida Maimaiti "Nestin-Cre Derived MafB Gene Conditional Knockout (cKO) Mice Showed Growth Retardation"	University of Tsukuba
P-18 13:44-13:46	Haruki Kasegai "Roles of 5-HT4 Receptor on Dendritic Development of Cortical Neurons"	University of Tsukuba
P-20 13:46-13:48	Sumire Matsumoto "The Role of Corpus Callosum in Cortical Neuron Communication during NREM Sleep"	University of Tsukuba
P-22 13:48-13:50	Kanako Iwasaki "Sleep/Wake Behavior After Ablation of Central Serotonergic Neuron"	University of Tsukuba
P-24 13:50-13:52	Eisuke Imura "Identification and Characterization of Neurons Innervating the Steroid Hormone Biosynthesis Organ in Drosophila"	University of Tsukuba
P-26 13:52-13:54	Kento Saito "Developmental Changes and Sex Differences of Ultrasonic Vocalization During Social Interaction Tests in Mice"	University of Tsukuba
P-28 13:54-13:56	Shoko Sagoshi "Effects of Selective Inhibition of Estrogen Receptor Alpha Expressing Neuronal Activity on Running-Wheel Activity in Female Mice"	University of Tsukuba
P-30 13:56-13:58	Satoshi Takenawa "Ca ²⁺ Imaging of Estrogen Receptor Alpha Positive Neurons in the Medial Amygdala During Social Investigation in Male Mice"	University of Tsukuba
P-32 13:58-14:00	Jessica Duarte "The Effect of Knock-Down of Two Types of Estrogen Receptors in the Medial Amygdala on Social and Anxiety-related Behaviors in Postpartum Female Mice"	University of Tsukuba
P-34 14:00-14:02	Tomoaki Murakawa "The Effects of Sweet Taste and Fluctuation of Blood Glucose Level for Development of Conditioned Place Preference"	University of Tsukuba
P-36 14:02-14:04	Christina Sylvia Andrea "Sense of Coherence, Stress and Mental Health of International Students in Japan: a Six-month Follow-up"	University of Tsukuba
P-40 14:04-14:06	Shuya Kandori "Elevated Expression of Phospholipase D2 is Associated with Progression of Renal Cell Carcinoma"	University of Tsukuba
P-44 14:06-14:08	Saori Yonebayashi "Tenascin-C Overexpression Aggravates Myocardial Infarction in Mice"	University of Tsukuba
P-46 14:08-14:10	Nikolaos Fragkiadakis "Develop an In-vehicle Indirect Interface Based on Physiological Measurements"	University of Tsukuba
P-48 14:10-14:12	Hitomi Kimura "Intake of Potato and Mortality From Cardiovascular Disease in Community-based Population"	University of Tsukuba
P-50 14:12-14:14	Utako Murai "The Association Between Watching Food Nutrition Labels of Mothers with 6-year-old Children and Subsequent Behavior of Their Children's in Adulthood: The Ibaraki Children's Cohort (IBACHIL) Study"	University of Tsukuba

P-54	Szu-Chun Yang	National Taiwan University
14:14-14:16	"Pharmacological Evaluation of Cordycepin and Impacts on Food and Health Security"	
Poster Exhibitions (Sept. 26-27, Lobby, Convention Hall 300)		
Discussion time (Sep 27, 14:16-15:15)		
Awards Ceremony (Sept. 27, 15:45-16:15, Conference Room 406)		
Closing Remarks	Prof. Akira Shibuya, University of Tsukuba	