

The 24th Japan-Korea Joint Seminar on Pharmacology
Japan-Korea Joint Session of the 96th Annual Meeting of the
Japanese Pharmacological Society

2 December (Fri) Room 6 (4th floor)

Opening address 10:00-10:10

Yoshikatsu Kanai (Osaka University, Japan)

Kyung-Soo NAM (Dongguk University, Korea)

Chairs:

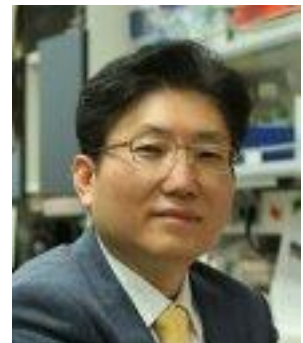
Sang-Hyun KIM (Kyungpook National University, Korea)

Yuhei Nishimura (Mie University, Japan)

Special lecture 1 10:10-11:10

Unconventional Protein Secretion as a Target for New Drug Development

Min Goo Lee (Department of Pharmacology, Yonsei University
College of Medicine, Korea)



Special lecture 2 11:10-12:10

mGluR5 as a switch for astrocyte-mediated synapse remodeling

Shuichi Koizumi (Department of Neuropharmacology,
Interdisciplinary Graduate School of Medicine, University of
Yamanashi, Japan)



Lunch 12:10-13:20

Poster session 13:20-14:00

Discussants:

Chul-Hwan LEE (Seoul National University, Korea)

Shogo Tokuyama (Kobe Gakuin University, Japan)

Chairs:

InKyeom KIM (Kyungpook National University, Korea)

Hiroshi Nomura (Nagoya City University, Japan)

Oral Presentation 1 14:00-14:23

Roles of circular RNAs in cardiovascular diseases

Hyun Kook (Department of Pharmacology, Chonnam National University Medical School, Korea)

Oral Presentation 2 14:23-14:46

Control of monoaminergic system by leucine-rich repeat transmembrane proteins in health and disease

Jun Aruga (Department of Medical Pharmacology, Nagasaki University Institute of Biomedical Sciences, Japan)

Oral Presentation 3 14:46-15:09

Role of thioredoxin interacting protein in vascular calcification

Chang-Hoon Woo (Department of Pharmacology, Yeungnam University College of Medicine, Korea)

Oral Presentation 4 15:09-15:32

Gender aspects in cardiovascular pharmacology

Junko Kurokawa (Department of Bio-informational Pharmacology, University of Shizuoka Faculty of Pharmaceutical Sciences, Japan)

Coffee break 15:32-15:42

Chairs:

Hyun KOOK (Chonnam National University, Korea)

Kimihito Tashima (Josai International University, Japan)

Oral Presentation 5 15:42-16:05

Portable cold atmospheric plasma patch-mediated skin anti-inflammatory therapy

Sang-Hyun Kim (Department of Pharmacology, School of Medicine, Kyungpook National University, Korea)

Oral Presentation 6 16:05-16:28

Mechanical stimulus to periodontal ligaments regulates neurite outgrowth through Wnt5a production

Minoru Wakamori (Division of Molecular Pharmacology and Cell Biophysics, Department of Disease Management Dentistry, Graduate School of Dentistry, Tohoku University, Japan)

Oral Presentation 7 16:28-16:43

Development of anticancer metabolic technology by glucose and pH regulation

So Won Kim (Department of Pharmacology, Asan Medical Center, University of Ulsan College of Medicine, Korea)

Oral Presentation 8 16:43-16:58

Open up the next generation pharmacology with scRNA-seq technology ~ elucidation of the role of PGE2-EP2/4 pathway in cancer immunity as an example~

Dean Thumkeo (Department of Drug Discovery Medicine, Kyoto University Graduate School of Medicine, Japan)

Coffee break 16:58-17:08

Chairs

Yun Hee SHON (Kyungpook National University, Korea)

Toshiaki Kume (Toyama University, Japan)

Oral Presentation 9 17:08-17:23

An understanding of heterochromatin regulation during cardiomyocyte differentiation for heart regeneration

Chul-Hwan Lee (Department of Pharmacology, College of Medicine, Seoul National University, Korea)

Oral Presentation 10 17:23-17:38

The role of protein arginine methyltransferase 5 in cardiac fibrosis

Yasufumi Katanasaka (Division of Molecular Medicine, School of Pharmaceutical Sciences, University of Shizuoka, Shizuoka, Japan)

Oral Presentation 11 17:38-17:53

Human brain organoids recapitulating pathogenesis of Parkinson's disease

Junghyun Jo (Department of Pharmacology, Ajou University School of Medicine, Korea)

Oral Presentation 12 17:53-18:08

Role of astrocytes in building tumor microenvironment around metastatic brain tumors

Hiromi Sato (Clinical Pharmacology and Pharmacometrics, Chiba University Graduate School of Pharmaceutical Sciences, Japan)

Closing address 18:08-18:15

Naohiko Anzai (Chiba University, Japan)

KP-1: Genistein inhibits platelet activation and clot retraction by regulating granule release through the PI3K/Akt pathway

Kyung-Soo Nam (Department of Pharmacology, College of Medicine, Dongguk University, Korea)

KP-2: Polarity of T helper cells determines salt-sensitivity and development of hypertension

Jee Young Kim (Department of Pharmacology, School of Medicine, Kyungpook National University, Korea)

KP-3: Dahl salt-resistant rats are protected against angiotensin II-induced hypertension

Cheong-Wun Kim (Department of Pharmacology, School of Medicine, Kyungpook National University, Korea)

KP-4: Inhibitory Potential of Natural Minerals on Adipogenesis of 3T3-L1 Adipocytes

Yun Hee Shon (Bio-Medical Research Institute, Kyungpook National University Hospital, Korea)

JP-1: Characterization of pathological remodeling in the chronic atrioventricular block monkey heart

Hiroko Izumi-Nakaseko (Department of Pharmacology, Faculty of Medicine, Toho University, Japan)

JP-2: Japanese Kampo formula Daikenchuto inhibit gastric acid secretion through activation of TRPV1 in conscious mice

Kimihito Tashima (Laboratory of Pharmacology, Faculty of Pharmaceutical Sciences, Josai International University, Japan)

JP-3: Development of SARS-CoV-2 infection model using human iPSC-derived cardiomyocytes

Ayano Satsuka (Division of pharmacology, National Institute of Health and Science, Japan)

JP-4: Nicotine suppresses central post-stroke pain through activation of orexinergic neuron

Kazuo Nakamoto (Department of Clinical Pharmacy, School of Pharmaceutical Sciences, Kobe Gakuin University, Japan)