

Joint symposium of
Korea University College of Medicine (KUCM) - Yonsei University College of Medicine (YUCM)-
Yonsei University College of Dentistry (YUCD) - National Institute for Physiological Sciences (NIPS)

“New and Notable in Life Science”

Date: November 16 (Tue) in 2021, PM 13:00- PM 18:30

Venue: Online (hosted by NIPS)

13:00 - 13:15 (15 min)

Opening remarks

Junichi Nabekura (Director General of NIPS)

Young Wook Yoon (Dean of KUCM)

Dae-Hyun Lew (Dean of YUCM)

Euseong Kim (Dean of YUCD)

13:15 - 14: 25 (70 min)

Session 1 Chairperson: Im Joo Rhyu (Department of Anatomy, KUCM)

Mikio Furuse (25+ 5 min)

Division of Cell Structure, NIPS

[How the paracellular space is sealed where three epithelial cells meet](#)

Khanh V. Doan (15+ 5 min)

Department of Oral Biology, YUCD

[Microbiota-derived butyrate targets hypothalamic ciliogenesis via the forkhead transcription factor O1](#)

Jane Jung¹ and Hosung Jung² (15+ 5 min)

¹Brain Korea 21 PLUS Project for Medical Science, YUCM

²Department of Anatomy and Brain Research Institute, YUCM

[Translatome Profiling of Cortical Neuronal Subtypes in the Developing Mouse Brain](#)

14:35 - 15:35 (60 min)

Session 2 Chairperson: Chul Hoon Kim (Department of Pharmacology, YUCM)

Yoonhee Jin (15+ 5 min)

Department of Physiology, YUCM

[Bioengineering approaches to guide neurogenesis](#)

Jong-Min Lee (15+ 5 min)

Department of Oral Biology, YUCD

[Fine tuning of epithelial taste bud organoid to promotes functional recapitulation of taste reactivity](#)

Ken-ichiro Nakajima (15+ 5 min)

Division of Endocrinology & Metabolism, NIPS

[How hunger makes food tastier: a neural circuit in the hypothalamus](#)

15:45 - 17:05 (80 min)

Session 3 Chairperson: Hee-Jin Kim (Department of Oral Biology, YUCD)

Jungmin Choi (25+5 min)

BK21 KU Graduate Program for Convergence and Translational Biomedicine, Department of Biomedical Sciences, KUCM

[Spatiotemporally Resolved Single-cell Analyses Delineate Early Esophageal Squamous Carcinogenesis](#)

Na-Young Song (25+5 min)

Department of Oral Biology, YUCD

[Oral microbiota-epithelium crosstalk regulates local and distal carcinogenesis](#)

Jason Kyungha Sa (15+ 5 min)

BK21 KU Graduate Program for Convergence and Translational Biomedicine, Department of Biomedical Sciences, KUCM

[Genomic landscape and clinical utility of Korean advanced pan-cancer patients](#)

17:15 - 18:25 (70 min)

Session 4 Chairperson: Yoshihiro Kubo (Division of Biophysics & Neurobiology, NIPS)

June-Yong Lee (25+5 min)

Department of Microbiology and Immunology, YUCM

[From Colitis to Cancer: Extrinsic and Intrinsic Regulation of Pathogenic Th17 Program](#)

Kenta Maruyama (15+ 5 min)

Division of Cell Signaling, NIPS

[Crosstalk between Nociceptive system and Osteo-immune system](#)

~From Senso-immunological point of view~

Ok Hee Jeon (15+ 5 min)

BK21 KU Graduate Program for Convergence and Translational Biomedicine, Department of Biomedical Sciences, KUCM

[Senescent cells as a novel therapeutic target for disease of aging](#)

18:25 - 18:30

Closing remarks

Junichi Nabekura (Director General of NIPS)

Organizers:

Im Joo Rhyu (KUCM)

Chul Hoon Kim (YUCM)

Hee-Jin Kim (YUCD)

Yoshihiro Kubo (NIPS)

Administration Office:

Tomomi Okayasu (NIPS)

Yoshihiro Kubo (NIPS)