

2025 Asian ChemoSensory Meeting In Korea hosted by KoSCI

hosted by KoSCI

Sep. 25 (Thu)-26 (Fri), 2025 Date

Venue NEWILHAN Memorial Hall, Avison Biomedical Research Center, Yonsei University

Organizers Cheil Moon, Seok Jun Moon

Committee Kyung-Nyun Kim, JaeHyung Koo, Yong Taek Jeong, Myunghwan Choi

Sep. 25th (Thu) 14.00~18.00

Seung-Jun Yoo Hanyang Univ. Session 1: Olfaction Donggen Luo Peking Univ.

Hee-Jung Choi Seoul Nat'l Univ. Structural Study of Class I Odorant Receptors

Chil4 regulates olfactory epithelium homeostasis and regeneration Yiqun Yu Fudan Univ

| Epigenetic repressor of enhancer networks dictate monogenic olfactory receptor Qian Li Shanghai Jiao Tong Univ.

Yoshihito Niimura Miyazaki Univ. Is the Explosive Expansion of Olfactory Receptor Genes Related to Odor Perception?

JaeHyung Koo DGIST Extra-nasal odorant G protein-coupled receptors

Cheil Moon DGIST Plenary lecture I

Assessing olfactory function: lessons learned from the COVID-19 pandemic Steven Munger Univ. of Virginia

Welcome Dinner

Session II: Taste

Sep. 26th (Fri) 09:30~17:30

Haruki Takeuchi Univ. of Tokyo

Maternal aging affects the activities of a sensory neuron via a small RNA pathway

Unilateral ephaptic program for sweetness dominance in Drosophila

Kyung Jin Kang KBRI

Tian Hua ShangHai Tech. Univ. Structural pharmacology studies of human bitter taste receptors Ken-ichiro Nakajima Nagova Univ. The neural mechanism regulating stress-induced taste modification

Akiyuki Taruno Kyoto Prefectural Univ. Channel synapse mediates neurotransmission of airway protective chemoreflexes

Lunch and Poster 11:40~14:00

Wen Zhou Institute of Psychology, CAS Session III: Chemosensory decoding and behavior Yong Taek Jeong Korea Univ.

Haruki Takeuchi Univ. of Tokyo Neural mechanisms underlying odor-induced persistent defensive behavior

Yongwoo Jang Hanyang Univ. Non-Invasive Modulation and Monitoring of Human Olfactory Function

Zhihui Liu Institute of Biophysics, CAS Neural mechanisms of a socially transmitted long-term olfactory memory

| Chemical pest defense by the characteristic response to iridoid-producing plants in Felidae animals Masao Miyazaki Iwate Univ.

Masako Okamoto Univ. of Tokyo Decoding Human Brain Activity in Olfaction: Insights from EEG

Plenary lecture II Kyung-Nyun Kim GWNU

Kazushige Touhara Univ. of Tokyo Chemosensory signal, receptor, and behavior

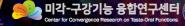
Korea Society for Brain and Neural Science / Korea Society for Chemosensation and Ingestive behaviors

Center for Convergence Research on Taste-Oral Functions / Brain Korea 21 FOUR Project for INNO-Dent Convergence Academy, Yonsei University College of Dentistry

Convergence Research Advanced Centre for Olfaction, DGIST / Daegu Gyeongbuk Institute of Science and Technology



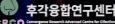












Myunghwan Choi Seoul Natl' Univ.

Kyuhyung Kim DGIST



2025 Asian ChemoSensory Meeting (ACSM) in Korea

* **Date**: September 25th (Thu) – 26th (Fri), 2025

* Venue: Yonsei University, Avison Biomedical Research Center, New II Han Hall

* Organizer: Cheil Moon, Seok Jun Moon

* Committee: Kyung-Nyun Kim, JaeHyung Koo, Yong Taek Jeong, Myunghwan Choi

September 25th (Thu)		
~14:20	Registration	
14:20-14:30	Opening ceremony	
	Seok Jun Moon (President of KoSCI, Yonsei Univ.)	
14:30-16:45	Session I Olfaction	
(20 + 5 min)	Chairs : Seung-Jun Yoo (DGIST) and Donggen Luo (Peking Univ.)	
	Structural Study of Class I Odorant Receptors Hee-Jung Choi (Seoul Nat'l Univ.)	
	Chil4 regulates olfactory epithelium homeostasis and regeneration Yiqun Yu (Fudan Univ)	
	Epigenetic repressor of enhancer networks dictate monogenic olfactory receptor expression Qian Li (Shanghai Jiao Tong Univ.)	
	Is the Explosive Expansion of Olfactory Receptor Genes Related to Odor Perception? Yoshihito Niimura (Miyazaki Univ.)	
	Extra-nasal odorant G protein-coupled receptors JaeHyung Koo (DGIST)	
16:45-17:05	Coffee break	
17:05-17:55	Plenary lecture I Chair: Cheil Moon (DGIST)	
(50 min)	Assessing olfactory function: lessons learned from the COVID-19 pandemic Steven Munger (Univ. of Virginia)	
18:00-	Dinner (Invited participants)	
September 26th (Fri)		
09:30-11:35	Session II Taste	
(20 + 5 min)	Chair: Myunghwan Choi (Seoul Natl' Univ.) and Haruki Takeuchi (Univ. of Tokyo)	
	Maternal aging affects the activities of a sensory neuron via a small RNA pathway Kyuhyung Kim (DGIST)	

Unilateral ephaptic program for sweetness dominance in Drosophila Kyung Jin Kang (Korea Brain Research Institute) Structural pharmacology studies of human bitter taste receptors Tian Hua (ShangHai Tech. Univ.) The neural mechanism regulating stress-induced taste modification Ken-ichiro Nakajima (Nagoya Univ.) Channel synapse mediates neurotransmission of airway protective chemoreflexes Akiyuki Taruno (Kyoto Prefectural Univ. of Medicine) 11:40-14:00 Lunch and Poster Session III Chemosensory decoding and behavior Chair: Wen Zhou (Institute of Psychology, Chinese Academy Sciences) and Yong Taek Jeong (Korea Univ.) Neural mechanisms underlying odor-induced persistent defensive behavior Haruki Takeuchi (Univ. of Tokyo) Non-Invasive Modulation and Monitoring of Human Olfactory Function Yongwoo Jang (Hanyang Univ.) Neural mechanisms of a socially transmitter long-term olfactory memory Zhihui Liu (Xuzhou Medical Univ.) Chemical pest defense by the characteristic response to iridoid-producing plants in Felidae animals Masao Miyazaki (Iwate Univ.) Decoding Human Brain Activity in Olfaction: Insights from EEG Masako Okamoto (Univ. of Tokyo) 16:05-16:25 Coffee break Plenary lecture II Chair: Kyung-Nyun Kim (GWNU) Chemosensory signal, receptor, and behavior Kazushige Touhara (Univ. of Tokyo) 17:15- Close remark Cheil Moon or Yiqun Yu		
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