

The 12th Research Symposium on Human Natural Defense System

In Commemoration of the 20th Anniversary of the EYE and ENT Hospital

“New Horizon in Allergic Airway Disease”

October 1st (Sat), 2016

NEWILHAN Memorial Hall, Avison BioMedical Research Center (ABMRC) Yonsei University College of Medicine

09:00	Welcome Address Joo-Heon Yoon, MD, PhD Director, Research Center for Human Natural Defense System Professor, Department of Otorhinolaryngology Yonsei University College of Medicine, Seoul Korea	
[Session I] Genetics in Allergic Airway Disease		Chair: Joo-Heon Yoon (Yonsei University)
09:10-09:40	Asthma genomics beyond GWAS	Choon-Sik Park (Soonchunhyang University)
09:40-10:10	Heterogeneity of airway inflammation in AERD patients	Hae-Sim Park (Ajou University)
10:10-10:40	The role of PAR-2 (protease-activated receptor-2) in allergic inflammation	Myung-Hyun Sohn (Yonsei University)
10:40-11:00	<i>Coffee Break</i>	
[Session II] Microbiome in Health and Disease		Chair: Chang-Hoon Kim (Yonsei University)
11:00-11:30	A single gene of a commensal microbe affects host susceptibility to enteric infection	Sang Sun Yoon (Yonsei University)
11:30-12:00	Microbiome in allergic diseases	Soo-Jong Hong (Ulsan University)
12:00-12:30	Microbiome in asthma	Hye-Ryun Kang (Seoul National University)
12:30-14:00	<i>Photo and Lunch</i>	
[Special Lecture]		
14:00-14:30	Coordinated mechanism for airway fluid absorption and secretion	Nam Soo Joo (Stanford University, USA)
[Session III] Immunotherapy: Present and Future		Chair: Jung-Won Park (Yonsei University)
14:30-15:00	Perspective on monoclonal antibody treatment in allergic diseases	Jung-Won Park (Yonsei University)
15:00-15:30	Immunotherapy : Present and future	Kimihiro Okubo (Nippon Medical School, Japan)
15:30-15:50	<i>Coffee Break</i>	
[Session IV] New Insight in Pathogenesis of Allergic Airway Diseases		Chair: Kyung-Su Kim (Yonsei University)
15:50-16:20	Innate lymphoid cells in airways: Will they take your breath away?	Hye Young Kim (Seoul National University)
16:20-16:50	Role of bronchial epithelial cells in the pathogenesis of heterogeneous subtypes of asthma	You Sook Cho (Ulsan University)
16:50-17:20	Local allergic rhinitis in our university hospital	Shoji Matsune (Nippon Medical School, Japan)
17:20	<i>Adjourn</i>	

Supported by

Research Center for Human Natural Defense System (RCHNDS)
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EYE & ENT Hospital
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