

AIRWAY VISTA 2016

Recent paradigm shifting in COPD & Asthma

FINAL REPORT

March 26(Sat) - 27(Sun), 2016
Asan Medical Center, Seoul, Korea

Organized by _



Clinical Research Center for
Chronic Obstructive Airway Diseases



OLDRAF Obstructive Lung Disease
Research Foundation



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Introduction



The Airway Vista is hosted by the Clinical Research Center for Chronic Obstructive Airway Diseases that has been supported by the Asan Medical Center, Seoul and by the Ministry of Health & Welfare, South Korea. Since 2008, we have successfully held the Airway Vista annually which had more than twenty-five speakers and audience of approximately five hundreds.

This academic occasion aims to provide respiratory professionals with new horizons in understanding chronic obstructive airway diseases, COPD and asthma. It is our belief that it assures to be a premier forum for generating thought-provoking discussion on pathogenesis, evaluation, imaging, systemic aspects, exacerbation, heterogeneity, and new treatments of the ailment.

We look forward to sharing intellectual delight and collegial experience with you in the Airway Vista 2017.

Sang-Do Lee, M.D., Ph.D.

Chairman, Organizing Committee of Airway Vista 2016
 President, Obstructive Lung Diseases Research Foundation
 Professor, Department of Pulmonary and Critical Care Medicine
 Chief Medical Officer
 Asan Medical Center; University of Ulsan College of Medicine



Program Overview



March 26 [SAT]

08:30-09:00	Registration	
09:00-09:05	Welcome Message	<i>Sang-Do Lee</i> , Chairman, Organizing committee for Airway Vista 2016
09:05-09:15	Congratulatory Message	<i>Kyung Ho Kang</i> , Chairman of the Korean Academy of Tuberculosis and Respiratory Diseases
09:15-10:45	Plenary: COPD & Asthma Overview (English) [Grand Auditorium] <i>Byoung Whui Choi</i>	
09:15-09:45	Candidate Genes for COPD: Korean Perspective	<i>Sang-Do Lee</i>
09:45-10:15	Biomarkers in Severe Asthma: Current Knowledge and Future Needs	<i>Nicola A. Hanania</i>
10:15-10:45	Activity Promotion: A New Focus for Pulmonary Rehabilitation	<i>Richard Casaburi</i>
10:45-11:00	Coffee Break	
11:00-12:20	Phenotypes and its Impact in Real Practice (English) [Grand Auditorium] <i>Chul Min Ahn</i>	COPD Update in 2016 (Korean) [Auditorium] <i>Sung Koo Han</i>
11:00-11:20	Chronic Bronchitis in COPD - Mucus is the New Goliath <i>Victor Kim</i>	Fixed Ratio vs LLN for the Spirometry Diagnosis of COPD <i>Young Sam Kim</i>
11:20-11:40	The Burden and Management of COPD in China <i>Chunxue Bai</i>	Role of Bacterial Infection in Acute Exacerbation of Chronic Obstructive Pulmonary Disease <i>Chin Kook Rhee</i>
11:40-12:00	Quantitative Image and its Clinical Application in COPD <i>Joon Beom Seo</i>	Prevention and Treatment of COPD Exacerbation <i>Yong Bum Park</i>
12:00-12:20	COPD: Chronic Obstructive CardioPulmonary Disease <i>Allison Lambert</i>	Management of COPD Comorbidities <i>Hye Sook Choi</i>
12:20-13:50	Lunch	
13:50-15:20	Personalized Medicine in COPD and Asthma (English) [Grand Auditorium] <i>Hee Bom Moon</i>	Asthma Update in 2016 (Korean) [Auditorium] <i>Hong Mo Kang</i>
13:50-14:10	ACOS – Asthma/COPD Overlap Syndrome <i>Maciej Kupczyk</i>	Inhaled Pollutants and Asthma <i>An-Soo Jang</i>
14:10-14:30	Novel Therapeutic Targets in COPD <i>Nicola A. Hanania</i>	How to Manage Uncontrolled Asthma <i>Sang-Heon Kim</i>
14:30-14:50	Treatment of Severe COPD <i>Leonardo M. Fabbri</i>	Management of Cough Hypersensitivity in Asthma <i>Woo-Jung Song</i>
14:50-15:20	Microbiome in Asthma <i>Hye-Ryun Kang</i>	The Role of Omalizumab in Severe (Allergic) Asthma <i>Taehoon Lee</i>
15:20-15:40	Coffee Break	
15:40-17:10	Management of COPD in Next Generation (English) [Grand Auditorium] <i>Jee-Hong Yoo</i>	Non-Pharmacologic Issues in Airway Diseases (Korean) [Auditorium] <i>Hwa Sik Moon</i>
15:40-16:00	Quantitative MR Assessment of COPD <i>Yoshiharu Ohno</i>	Smoking Cessation <i>Yu-Il Kim</i>
16:00-16:20	COPD as the Pulmonary Component of Chronic Multimorbidity in the Elderly <i>Leonardo M. Fabbri</i>	Rehabilitation in Real Practice <i>Yong Beom Shin</i>
16:20-16:40	Management of Chronic Obstructive Airway Diseases with e-Health <i>Chunxue Bai</i>	New Inhalers and How to Use it <i>Hun Sil Kim</i>
16:40-17:10	Strategies for Management of the Cachectic COPD Patient <i>Richard Casaburi</i>	Nutritional Support <i>Ji Yeon Min</i>



March 27 [SUN]

08:30-09:00	Registration		
09:00-10:20	Meet the Professor & in Depth Discussion		
	COPD & Asthma in Real Practice [Seminar 2] <i>Sang-Do Lee, Hae-Sim Park</i>	Translational Research in Airway Inflammation and Resistance [Seminar 4] <i>Yeon Mok Oh, You Sook Cho</i>	Role of Radiology in COPD & Asthma [Seminar 6] <i>Joon Beom Seo, Ki-Yeol Lee</i>
09:00-09:20	Asthma Phenotypes in Clinical Practice <i>Maciej Kupczyk</i>	Acquired CFTR Dysfunction in COPD <i>Victor Kim</i>	COPD Assessment on Area-Detector CT <i>Yoshiharu Ohno</i>
09:20-09:40	Discussion	Discussion	Discussion (10')
09:40-10:00	COPD Clinical Phenotypes: The Pink Puffer, the Blue Bloater, and Everything in Between <i>Victor Kim</i>	Stem Cell: New Possibility of Emphysema Regeneration <i>Yeon-Mok Oh</i>	Practical Issues in CT Imaging of Airway Disease (30') <i>Chang Hyun Lee</i>
10:00-10:20	Discussion	Discussion	Discussion
10:20-10:40	Coffee Break		
10:40-12:10	Poster Discussion: Asthma [Seminar 5] / COPD [Seminar 7]		
12:30-	ANOLD Meeting [Seminar 3]		

Speakers



Leonardo M. Fabbri
University of Modena & Reggio Emilia, Italy



Nicola A. Hanania
Bayolaor College of Medicine, USA



Richard Casaburi
University of California, Los Angeles (UCLA), USA



Maciej Kupczyk
Medical University of Lodz, Poland



Chunxue Bai
Zhongshan Hospital, Fudan University, China



Yoshiharu Ohno
Kobe University Graduate of Medicine, Japan



Victor Kim
Temple University School of Medicine, USA



Allison Lambert
Johns Hopkins University, USA



Sang-Do Lee
Asan Medical Center, Korea



Yeon-Mok Oh
Asan Medical Center, Korea



Young Sam Kim
Yonsei University, Severance Hospital, Korea



Chin Kook Rhee
Seoul St. Mary's Hospital, Korea



Yong Bum Park
Kangdong Sacred Heart Hospital Hallym University, Korea



Hye Sook Choi
Dongguk University Gyeongju Hospital, Korea



Joon Beom Seo
Asan Medical Center, Korea



Yu-Il Kim
Chonnam National University Hospital, Korea



Yong Beom Shin
Pusan National University Hospital, Korea



An-Soo Jang
Soonchunhyang University Hospital, Korea



Sang-Heon Kim
Hanyang University Seoul Hospital, Korea



Woo Jung Song
Seoul National University Hospital, Korea



Taehoon Lee
Ulsan University Hospital, Korea



Hye-Ryun Kang
Seoul National University Hospital, Korea



Chang Hyun Lee
Seoul National University Hospital, Korea



Hun Sil Kim
Asan Medical Center, Korea



Ji Yeon Min
Asan Medical Center, Korea

Previous Speakers of Airway Vista (2008~2015)

2015

Yasutaka Nakano
Shiga University of Medical Science, Japan

Yoshiharu Ohno
Kobe University Graduate School of Medicine, Japan

Reynold A. Panettieri
University of Pennsylvania, USA

Michael Tamm
University Hospital Basel, Switzerland

J. Michael Wells
University of Alabama at Birmingham, USA

Robert A. Wise
Johns Hopkins Asthma and Allergy Center, USA

Prescott Woodruff
University of California San Francisco, USA

Sang-Do Lee
Asan Medical Center, Korea

Yeon-Mok Oh
Asan Medical Center, Korea

You Sook Cho
Asan Medical Center, Korea

Joon Beom Seo
Asan Medical Center, Korea

Tae-Bum Kim
Asan Medical Center, Korea

Sei Won Lee
Asan Medical Center, Korea

Jae Seung Lee
Asan Medical Center, Korea

Ji-Hyun Lee
CHA Bundang Medical Center, Korea

Tae-Hyung Kim
Hanyang University Guri Hospital, Korea

Hye Yun Park
Samsung Medical Center, Korea

Jin Hwa Lee
Ewha Womans University Mokdong Hospital, Korea

Sang Pyo Lee
Gachon University Gil Medical Center, Korea

Cheol-Woo Kim
Inha University Hospital, Korea

Sang-Heon Kim
Hanyang University Seoul Hospital, Korea

Chang-Hoon Lee
Seoul National University Hospital, Korea

Deog Kyeom Kim
Seoul National University Boramae Medical Center, Korea

Yoon-Keun Kim
Ewha Womans University School of Medicine, Korea

Eun Mi Kim
Kangbuk Samsung Hospital, Korea

Mi-Sook Lee
Yeungnam University Hospital, Korea

Sun Young Kim
Asan Medical Center, Korea

2014

Paul Jones, Ph.D, FRCP
George's University of London, UK

Alberto Papi, MD
University of Ferrara, Italy

David A. Schwartz, MD
University of Colorado, USA

Sanjay Sethi, MD, FACP
University of Buffalo at the State University of New York, USA

Don D. Sin, MD, MPH
University of British Columbia, Canada

Jadwiga A. Wedzicha, MD
University College London, UK

Won-Kyung Cho, MD
Yale University School of Medicine, USA

Min-Jong Kang, MD, Ph.D
Yale University School of Medicine, USA

Jiyoun Kim, Ph.D
Boston University School of Medicine, USA

Gye Young Park, MD
University of Illinois at Chicago, USA

Jin-Ah Park, Ph.D
Harvard University, School of Public Health, USA

You Sook Cho, MD, Ph.D
Asan Medical Center, Korea

Joon Beom Seo, MD, Ph.D
Asan Medical Center, Korea

Sei Won Lee, MD, Ph.D
Asan Medical Center, Korea

Ho Joo Yoon, MD, Ph.D
Han Yang University Medical Center, Korea

Sang-Do Lee, MD, Ph.D
Asan Medical Center, Korea

Yong Bum Park, MD
Kangdong Sacred Heart Hospital Hallym University, Korea

Chang-Hoon Lee, MD, Ph.D
Seoul National University Hospital, Korea

Sang Yeub Lee, MD, Ph.D
College of Medicine, Korea University, Korea

Deog Kyeom Kim, MD, Ph.D
Seoul National University Boramae Medical Center, Korea

Byung-Jae Lee, MD, Ph.D
Samsung Medical Center, Korea

Sang-Hoon Kim, MD, Ph.D
Eulji General Hospital, Korea

Seong Yong Lim, MD, Ph.D
Kangbuk Samsung Medical Center, Korea

Cheolseok Kwon
Asan Medical Center, Korea

Young Ho Kim
Asan Medical Center, Korea

Yun Ok Kim
Asan Medical Center, Korea

Hye Young Cha
Ulsan University Hospital, Korea

Mi Hee Seo
Seoul National University Hospital, Korea

Seung Hee Seo
Asan Medical Center, Korea

2013

Richard K. Albert, MD
Denver Health and University of Colorado Denver, U.S.

Augustine Choi, MD
Harvard Medical School, Brigham and Women's Hospital Boston, U.S.

MeiLan K. Han, MD, MS
University of Michigan Ann Arbor, Michigan, U.S.

Mary Ip, MD
Queen Mary Hospital
University of Hong Kong

Edwin Silverman, MD, Ph.D
Harvard Medical School, Brigham and Women's Hospital Boston, U.S.

Rubin Tuder, MD
University of Colorado Denver, U.S.

Felix JF Herth, MD, Ph.D, FCCP
Pneumology and Respiratory Care Medicine
Thoraxklinik, University of Heidelberg, Germany

Atul C. Mehta, MD, FACP, FCCP
Respiratory Institute Cleveland Clinic Foundation Ohio, U.S.

Koichiro Asano, MD
Tokai University School of Medicine, Japan

Sang Do Lee, MD, Ph.D
Asan Medical Center, Korea

Joon Beom Seo, MD, Ph.D
Asan Medical Center, Korea

You Sook Cho, MD, Ph.D
Asan Medical Center, Korea

Choon-Sik Park, MD, Ph.D
Soonchunhyang University Bucheon Hospital, Korea

Jae Jeong Shim, MD, Ph.D
Korea University Medical Center, Korea

An Soo Jang, MD, Ph.D
Soonchunhyang University Bucheon Hospital, Korea

Kwang Ha Yoo, MD, Ph.D
Konkuk University, School of Medicine, Seoul, Korea

Hye-Ryun Kang, MD, Ph.D
Seoul National University School of Medicine, Korea

Yong Bum Park, MD, Ph.D
Kangdong Sacred Heart Hospital Hallym University, Korea

Cheolseok Kwon
Asan Medical Center, Korea

Mi Ok Choi
Yonsei University, Severance Hospital, Korea

Mi-Sook Lee
Yeungnam University Hospital, Korea

Won Gyoung Kim
Seoul National University Hospital, Seoul, Korea

Hyun Ju Lee
Asan Medical Center, Korea

Sang Mi Han
Asan Medical Center, Korea

2012

- Phil Bardin, M.B.Ch.B., Ph.D**
Monash University, Australia
- Ronald Dahl, MD**
University Hospital of Aarhus, Denmark
- Kirthi Dias Gunasekera, MD, Ph.D**
Central Chest Clinic, Sri Lanka
- Richard Loh, MD, Ph.D**
Penang Medical College, Malaysia
- Masaharu Nishimura, MD, Ph.D**
Hokkaido University School of Medicine, Japan
- Marc Peters-Golden, MD**
University of Michigan Hospital & Health Systems, USA
- Don Sin, MD, MPH**
University of British Columbia, Canada
- Sonal Singh, MD, MPH**
Johns Hopkins University School of Medicine, USA
- Michael Wechsler, MD, MMSc.**
Harvard's Brigham & Women's Hospital, USA
- You Sook Cho, MD, Ph.D**
University of Ulsan College of Medicine, Korea
- Sang Do Lee, MD, Ph.D**
University of Ulsan College of Medicine, Korea
- Heung-Woo Park, MD, Ph.D**
Seoul National University College of Medicine, Korea
- Joon Beom Seo, MD, Ph.D**
University of Ulsan College of Medicine, Korea
- Kyeong-Cheol Shin, MD, Ph.D**
Yeungnam University College of Medicine, Korea
- Sang Yeub Lee, MD, Ph.D**
College of Medicine, Korea University, Korea
- Sung Chul Lim, MD, Ph.D**
Chonnam National University Hospital, Korea
- Hyoungkyu Yoon, MD, Ph.D**
St.Mary's Hospital, College of Medicine,
The Catholic University of Korea
- Jeong-Hwa Chung**
Hallym University Medical Center, Korea
- Eun Hee Kang, Ph.D**
Asan Medical Center, Korea
- Sun Young Kim**
Asan Medical Center, Korea
- Young Ho Kim**
Asan Medical Center, Korea
- Yun Ok Kim, Ph.D**
Asan Medical Center, Korea
- Cheolseok Kwon**
Asan Medical Center, Korea
- Hye Sun Shin, Ph.D**
Severance Hospital, Yonsei University, Korea

2011

- Arvind Bhome, MD**
Aditya Birla Memorial Hospital, India
- Eugene R. Bleecker, MD**
Wake Forest University School of Medicine, USA
- Yoon Seok Chang, MD**
Seoul National University Hospital, Korea
- You Sook Cho, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Sang Bum Hong, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea

- Eun Hee Kang**
Asan Medical Center, Korea
- Young Sam Kim, MD**
Severance Hospital, University of Yonsei, Korea
- Yun Ok Kim**
Asan Medical Center, Korea
- Han-Pin Kuo, MD**
Chang Gung University, Taiwan
- Heung-Kyu Lee**
Graduate School of Medical Science and Engineering, KAIST, Korea
- Ji-Hyun Lee, MD**
CHA Bundang Meical Center, CHA University, Korea
- Sang-Do Lee, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Fernando J. Martinez, MD**
University of Michigan Medical Center, USA
- Deborah A. Meyers, MD**
Wake Forest University School of Medicine, USA
- Yeon-Mok Oh, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Hae-Sim Park, MD**
Ajou University Medical Center, Korea
- Yong Bum Park, MD**
Hallym University College of Medicine, Korea
- Joon Beom Seo, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Kwang Ha Yoo, MD**
Konkuk University Medical Center, Korea
- Norbert F. Voelkel, MD**
Virginia Commonwealth University, USA

2010

- Malcolm R. Sears, MD**
McMaster University, Canada
- Masaharu Nishimura, MD**
Hokkaido University Hospital, Japan
- David M. Mannino, MD**
University of Kentucky Medical Center, USA
- You Sook Cho, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- David Henry Broide, MD**
University of California, San Diego, USA
- Kazutetsu Aoshiba, MD**
Tokyo Women's Medical University, Japan
- Joon Beom Seo, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Alan Ng Weikeong, MD**
Tan Tock Seung Hospital, Singapore
- Stephen I. Rennard, MD**
University of Nebraska Medical Center, USA
- Chun-Xue Bai, MD**
Zhongshan Hospital, Fudan University, China
- Ki-Suck Jung, MD**
Hallym University Medical College, Korea
- Sang-Do Lee, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Seung-Hyo Lee**
Graduate School of Medical Science and Engineering, KAIST, Korea
- Yoon-Keun Kim**
Pohang University of Science and Technology, Korea

2009

- Sang-Do Lee, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- A. Sonia Buist, MD**
Oregon Health & Science University, USA
- Peter Martin Anthony Calverley, MD**
The University of Liverpool, UK
- You Sook Cho, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Harvey O Coxson, MD**
Vancouver General Hospital, Canada
- Won-Dong Kim, MD**
Konkuk University Medical Center, Korea
- Han-Pin Kuo, MD**
Chang Gung University, Taiwan
- William MacNee, MD**
The Queen's Medical Research Institute, UK
- Andre Nel, MD**
UCLA School of Medicine, USA
- Frank C Scierba, MD**
University of Pittsburgh, USA
- Joon Beom Seo, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Edwin Silverman, MD**
Harvard Medical School, USA
- Masaharu Nishimura, MD**
Hokkaido University Hospital, Japan
- Chol Shin, MD**
Korea University Medical Center, Korea

2008

- Sang-Do Lee, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- William Walter Busse, MD**
University of Wisconsin Medical School, USA
- Wang Chen, MD**
Beijing Chao-Yang Hospital, China
- Gerard Cox, MD**
McMaster University, Canada
- Edward Patrick Ingenito, MD**
Harvard Medical School, USA
- Sebastian L Johnston, MD**
Imperial College, UK
- Dong-Soon Kim, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Won-Dong Kim, MD**
Konkuk University Medical Center, Korea
- Han-Pin Kuo, MD**
Chang Gung University, Taiwan
- Masaharu Nishimura, MD**
Hokkaido University Hospital, Japan
- Choon-Sik Park, MD**
Soon Chun Hyang Bucheon University Hospital, Korea
- Joon Beom Seo, MD**
University of Ulsan College of Medicine and Asan Medical Center, Korea
- Norbert F. Voelkel, MD**
Virginia Commonwealth University, USA
- Edwin Silverman, MD**
Harvard Medical School, USA

The 16th ANOLD Meeting



ANOLD will be a strong network of researchers connected via Asian collaboration, which encourages an integrative, in depth understanding of obstructive lung disease. If you participate in the ANOLD, you will have two semi-annual meetings to discuss the collaborative study.

Currently, ANOLD consists of 12 countries, India, Thailand, Sri Lanka, Philippines, Taiwan, Korea, Malaysia, Japan, China, Vietnam, Singapore, and Hong Kong, since 2008.

The integrative data regarding etiology, genome, clinome, lung function, and image, provided by ANOLD collaboration, would disclose the pathophysiology, pathomorphology, and pathobiology of obstructive lung disease.

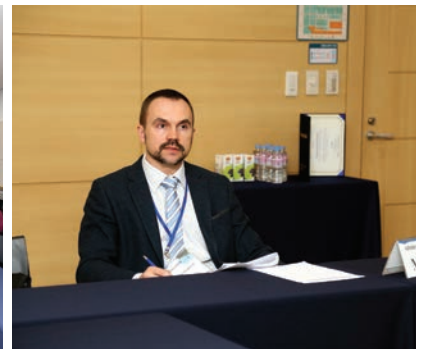
We believe that ANOLD collaboration is essential to eliminate the suffering from obstructive lung disease and to improve public health.

Poster Discussion Session



COPD

1	Jeng-Shing Wang, Taiwan	5	Hye Sook Choi, Korea
2	Vitull K. Gupta, India	6	Jeongeun Hwang, Korea
3	Allison Lambert, USA	7	Yoonki Hong, Korea
4	Choo Khoon Ong, Malaysia	8	Wonjun Ji, Korea



Asthma

1	Meghna Gupta, India	2	Mohammad Hossein Boskabady, Iran
3	Sonia Arora, India		

Photo Gallery

2016

"I thought the conference was well-organized, informative, and offered a comprehensive review of the most recent literature and clinical developments. The meeting was very high quality science and the hospitality was also wonderful."



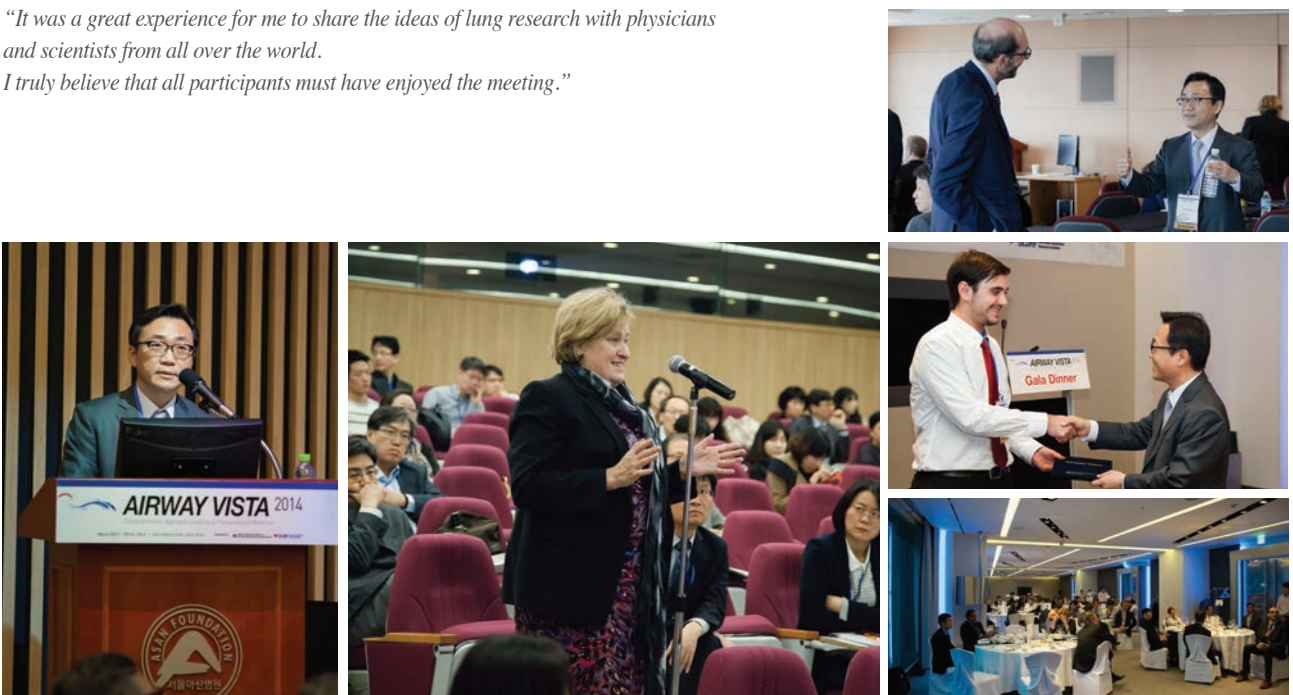
2015

"I sincerely think that the Airway Vista this year was a success. There was proper coordination and the hospitality was great. I hope that we have another wonderful experience next year. Congratulations to all!"



2014

"It was a great experience for me to share the ideas of lung research with physicians and scientists from all over the world. I truly believe that all participants must have enjoyed the meeting."



2013

“Excellent program as well as greatly helpful staffs during the meeting! Venue was also excellently arranged and prepared. During poster discussion session (Asthma) every attendee was actively participated in the discussion and looked enjoying the meeting.”



2012

“Thank you very much for the great organization. Very informative and educational conference. Well scheduled.”



2011

"I thought the program was very good. It was more clinically oriented than research oriented, but this is probably appropriate for the audience. The quality of the presentations was excellent."



2010

"The meeting organization, the scientific program and the social events were beyond any expectation. The meeting will be a good memory of achievement of new knowledge and great hospitality and friends."



2009

"Topic is good, faculty are excellent! The organization, efficiency, and hospitality were all excellent. Very enjoyable and worthwhile."



2008

"I feel there was no deficiency in organizing Airway Vista at all. It was a wonderful experience both academically and as a tourist. Our best wishes and congratulation to Airway Vista Team especially Dr. Sang-Do Lee."





AIRWAY VISTA 2016

Recent paradigm shifting in COPD & Asthma



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