




## CV Template of KATRD International Conference 2021

<b>Name</b>	Sei Won Lee			
<b>First Name</b>	Sei Won	<b>Last Name</b>	Lee	
<b>Country</b>	Korea			
<b>Organization</b>	Asan Medical Center			
<b>Current Position</b>	Associate Professor			

### Educational Background

<b>2009.3~2012.8</b>	M.D. Ph.D Pulmonology/Internal Medicine College of Medicine, Seoul National University
<b>2005.3~2007.2</b>	M.D. M.S. Pulmonology/Internal Medicine College of Medicine, Seoul National University
<b>1995.3~2001.2</b>	M.D. M.B. College of Medicine, Seoul National University
<b>2006.3~2007.2</b>	Fellowship of pulmonology, Seoul National University Hospital
<b>2002.2~2006.2</b>	Residency of internal medicine, Seoul National University Hospital
<b>2001.3~2002.2</b>	Internship, Seoul National University Hospital

### Professional Experiences

<b>2018.3~</b>	Chair of Education Department, University of Ulsan, College of Medicine
<b>2017.3~</b>	Associate Professor Asan Medical Center, University of Ulsan, College of Medicine
<b>2015.9.2017.7</b>	Visiting Professor, Yale University (CT, USA)
<b>2012.3~ 2017.3</b>	Assistant Professor Asan Medical Center, Ulsan University College of Medicine
<b>2010.5~2012.2</b>	Assistant Professor, Seoul National University Bundang Hospital
<b>2009.5~2010.2</b>	Chief of pulmonary, Armed Forces Capital Hospital

### Professional Organizations

- Member of American Thoracic Society
- Member of European Respiratory Society
- Member of American Pacific Society of Respiriology
- Member of Korean Academy of Tuberculosis and Respiratory Diseases.
- Steering Committee of Korean Asthma Study Group,  
Korean Pulmonary Rehab Study Group and Korean Bronchoscopy study group
- Executive member of International collaboration committee of KATRD



## Main Scientific Publications

Kim H, Na G, Park S, Ra SW, Kang SY, Kim HC, Kim HC, Lee SW. The impact of life behavior and environment on particulate matter in chronic obstructive pulmonary disease. *Environ Res.* 2021 May 1;198:111265.

Jang YO, Kim OH, Kim SJ, Lee SH, Yun S, Lim SE, Yoo HJ, Shin Y, Lee SW. High-fiber diets attenuate emphysema development via modulation of gut microbiota and metabolism. *Sci Rep.* 2021 Mar 26;11(1):7008.

Choi MG, Lee HY, Song SY, Kim SS, Lee SH, Kim W, Choi CM, Lee SW. The Effect of Simultaneous Pulmonary Rehabilitation during Thoracic Radiotherapy for Malignant Diseases. *Tuberc Respir Dis (Seoul).* 2021 Feb 10.

Kim SH, Shin HJ, Yoon CM, Lee SW, Sharma L, Dela Cruz CS, Kang MJ. PINK1 Inhibits Multimeric Aggregation and Signaling of MAVS and MAVS-dependent Lung Pathology. *Am J Respir Cell Mol Biol.* 2021 Feb 12.

Jung YJ, Lee SH, Chang JH, Lee HS, Kang EH, Lee SW. The Impact of Changes in the Intake of Fiber and Antioxidants on the Development of Chronic Obstructive Pulmonary Disease. *Nutrients.* 2021 Feb 10;13(2):580.

Park S, Ra SW, Kang SY, Kim HC, Lee SW. Effect of particulate matter exposure on patients with COPD and risk reduction through behavioural interventions: the protocol of a prospective panel study. *BMJ Open.* 2020 Nov 9;10(11):e039394.

Kim SH, Lee JY, Yoon CM, Shin HJ, Lee SW, Rosas I, Herzog E, Dela Cruz C, Kaminski N, Kang MJ. Mitochondrial antiviral signalling protein is crucial for the development of pulmonary fibrosis. *Eur Respir J* 2020 Oct 22;2000652.

Lee JH, Lee HY, Jang Y, Lee JS, Oh YM, Lee SD, Lee SW. Efficacy of Unsupervised Home-Based Pulmonary Rehabilitation for Patients with Chronic Obstructive Pulmonary Disease. *Int J Chron Obstruct Pulmon Dis.* 2020 Sep 28;15:2297-2305.

Han DW, Lee JS, Oh YM, Lee SD, Kim HJ, Lee SW. The Clinical Course of Asthma after Withdrawal of Inhaled Corticosteroids. *J Allergy Clin Immunol Pract.* 2020 Oct 10;S2213-2198(20)31106-5

Kim HC, Suzuki M, Lim HF, Lan LTT, Nguyen HL, Wang JS, Lee KY, Lee JS, Oh YM, Lee SD, Choi H, Lee H, Lee SW. Survey of the management of patients with bronchiectasis: a pilot investigation in Asian populations. *Korean J Intern Med.* 2020 Sep 15.

Jang YO, Lee SH, Choi JJ, Kim DH, Choi JM, Kang MJ, Oh YM, Park YJ, Shin Y, Lee SW. Fecal microbial transplantation and a high fiber diet attenuates emphysema development by suppressing inflammation and apoptosis. *Exp Mol Med.* 2020 Jul 17

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Lee SW, Kang YA, Jin CE, Kim HC, Noh GS, Lee HJ, Park JH, Koo YS, Shin Y, Kim SH. Gene-based diagnosis of tuberculosis with a new-generation pathogen enrichment technique. *Eur Respir J.* 2019 Dec 5.

Chang Y, Kim HC, Jo KW, Lee JS, Oh YM, Lee SD, Lee SW. Analysis of high predicted pulmonary function: possibility of overestimation in small elderly examinees. *Korean J Intern Med.* 2020 Jan;35(1):142-149.

Hwang HJ, Lee SM, Seo JB, Lee JS, Kim N, Kim C, Oh SY, Lee SW. Assessment Of Changes In Regional Xenon-Ventilation, Perfusion, And Ventilation-Perfusion Mismatch Using Dual-Energy Computed Tomography After Pharmacological Treatment In Patients With Chronic Obstructive Pulmonary Disease: Visual And Quantitative Analysis. *Int J Chron Obstruct Pulmon Dis.* 2019 Sep 25;14:2195-2203.

Park TS, Kang J, Lee JS, Oh YM, Lee SD, Lee SW. Adherence to roflumilast under dose-escalation strategy in Korean patients with COPD. *Int J Chron Obstruct Pulmon Dis.* 2019 Apr 16;14:871-879.

Lee SW, Shin SY, Park TS, Choi YY, Park JC, Park J, Oh SY, Kim N, Lee SH, Lee JS, Seo JB, Oh YM, Lee SD, Lee SM. Clinical Utility of Quantitative CT Analysis for Fissure Completeness in Bronchoscopic Lung



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Volume Reduction: Comparison between CT and Chartis™. *Korean J Radiol.* 2019 Jul;20(7):1216-1225.

Jang YO, Jin CE, Choi EH, Shin JH, Kweon J, Koo B, Lim SB, Lee SW, Shin Y. A homobifunctional imidoester-based microfluidic system for simultaneous DNA and protein isolation from solid or liquid biopsy samples. *Lab Chip.* 2019 Jun 25;19(13):2256-2264.

Kang J, Cho YS, Choi DK, Lee JS, Oh YM, Lee SD, Lee SW. Bronchial Thermoplasty in Patients with Severe Uncontrolled Asthma: First Korean Cases. *J Korean Med Sci.* 2019 Apr 22;34(15):e120. doi: 10.3346/jkms.2019.34.e120.

Lee SH, Lee JH, Yoon HI, Park HY, Kim TH, Yoo KH, Oh YM, Jung KS, Lee SD, Lee SW. Change in inhaled corticosteroid treatment and COPD exacerbations: an analysis of real-world data from the KOLD/KOCOSS cohorts. *Respir Res.* 2019 Mar 28;20(1):62.

Lee SW, Sharma L, Kang YA, Kim SH, Chandrasekharan S, Losier A, Brady V, Bermejo S, Andrews N, Yoon CM, Liu W, Lee JY, Kang MJ, Dela Cruz CS. Impact of Cigarette Smoke Exposure on Lung Fibroblastic Response after Influenza Pneumonia. *Am J Respir Cell Mol Biol.* 2018 Aug 15

Oh DK, Baek S, Lee SW, Lee JS, Lee SD, Oh YM. Comparison of the fixed ratio and the Z-score of FEV1/FVC in the elderly population: a long-term mortality analysis from the Third National Health and Nutritional Examination Survey. *Int J Chron Obstruct Pulmon Dis.* 2018 Mar 14;13:903-915.

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