

# CURRICULUM VITAE



## PERSONAL INFORMATION

**Name:** Sang Do, Lee M.D., Ph.D..  
Professor of Medicine, University of Ulsan College of Medicine  
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## ACADEMIC EDUCATION:

1976-1982      College of Medicine, Seoul National Univ.(M.D.)  
1987-1989      College of Medicine, Seoul National Univ.(M.S.)  
1989-1991      College of Medicine, Seoul National Univ.(Ph.D.)

## PROFESSIONAL TRAINING

### INTERNSHIP

1985-1986      Seoul National University Hospital

### RESIDENCY

1986-1989      Internal Medicine  
Seoul National University Hospital

### FELLOWSHIP

1989-1990      Pulmonary Division (Clinical)  
Seoul National University Hospital

## ACADEMIC APPOINTMENTS

1990-1995      Assistant Professor of Medicine

Chungbuk National Univ.

1996-1997 Visiting Professor  
Health Sciences Center, Univ. of Colorado

1995- Professor of Medicine  
Univ. of Ulsan, Asan Medical Center

### **ACTIVE GRANTS**

2005-2014 Principal Investigator: KHIDI

"Clinical research center for chronic obstructive airway diseases"

### **SCIENTIFIC ACHIEVEMENTS**

2002 Hamchoon Award

2002 Yoochan Medical Award

2002 KOFST Award

### **REPRESENTATIVE PUBLICATIONS (Related to COPD)**

1. Ji-Hyun Lee, Dong-Soon Lee, Eun-Kyung Kim, Kang-Hyeon Choe, Yeon-Mock Oh, Tae-Sun Shim, Sang-Eun Kim, Yun-Song Lee, and **Sang-Do Lee**. Simvastatin inhibits cigarette smoking-induced emphysema and pulmonary hypertension in rat lungs. *Am J Respir Crit Care Med*, 172:987-993, 2005 (IF: 8.123)

2. Young Kyung Lee, Yeon-Mok Oh, Ji-Hyun Lee, Eun Kyung Kim, Jin Hwa Lee, M.D.; Namkug Kim, Joon Beom Seo, **Sang Do Lee**. Quantitative assessment of emphysema, air trapping, and airway thickening on computed tomography. *Lung* 2008;186(3):157-165.

3. Yoonki Hong, Seung Won Ra, Tae Sun Shim, Chae-Man Lim, Younsuck Koh, **Sang Do Lee**, Woo Sung Kim, Dong-Soon Kim, Won Dong Kim, Yeon-Mok Oh. Weak agreement between clinical diagnosis and interpretation of pulmonary function test in subjects showing concomitant decreases in FEV<sub>1</sub> and FVC. *Respirology*, 2008;13:569-574.

4. Woo Jin Kim, Yeon-Mok Oh, Joohon Sung, Tae-Hyung Kim, Jin Won Huh, Hoon Jung, Ji-Hyun Lee, Eun-Kyung Kim, Jin Hwa Lee, Sang-Min Lee, Sangyeub Lee, Seong Yong Lim, Tae Rim

Shin, Ho Il Yoon, Sung-Youn Kwon, **Sang Do Lee**. Lung function response to 12-week treatment with combined inhalation of long-acting  $\beta_2$ -agonist and glucocorticoid according to *ADRB2* polymorphism in patients with chronic obstructive pulmonary disease. **Lung**, 2008;186:381-386

5. Yu Mi Jang, Yeon-Mok Oh, Joon Beom Seo, Namkug Kim, EunJin Chae, Young Kyung Lee, **Sang Do Lee**. Quantitatively assessed Dynamic Contrast-Enhanced Magnetic Resonance Imaging in Patients with Chronic Obstructive Lung Disease: Correlation of Perfusion Parameters with Pulmonary Function Test and Quantitative Computed Tomography. **Investigative Radiology** 2008;43(6):403-410

6. Yang Shin Park, Joon Beom Seo, Namkug Kim, Eun Jin Chae, Yeon Mok Oh, **Sang Do Lee**, Youngjoo Lee, Suk-Ho Kang. Texture-based Quantification of Pulmonary Emphysema on High-Resolution Computed Tomography: Comparison with Density-based Quantification and Correlation with Pulmonary Function Test. **Investigative Radiology** 2008;43(6):395-402

7. Eun Jin Chae, Joon Beom Seo, Hyun Woo Goo, Namkug Kim, Koun-Sik Song, **Sang Do Lee**, Soo-Jong Hong, Bernhard Krauss. Xenon Ventilation CT Using a Dual Energy Technique of Dual Source CT: Initial Experience. **Radiology** 2008;248(2):615-624

8. Woo Jin Kim, Yeon-Mok Oh, Joohon Sung, Young Kyung Lee, Joon Beom Seo, NamKug Kim, Tae-Hyung Kim, Jin Won Huh, Ji-Hyun Lee, Eun-Kyung Kim, Jin Hwa Lee, Sang-Min Lee, Sangyeub Lee, Seong Yong Lim, Tae Rim Shin, Ho Il Yoon, Sung-Youn Kwon, **Sang-Do Lee**. CT scanning-based phenotypes vary with *ADRB2* polymorphisms in chronic obstructive pulmonary disease. **Respiratory Medicine**, 2009;103:98-103.

9. Woo Jin Kim, Seung Soo Sheen, Tae-Hyung Kim, Jin Won Huh, Ji-Hyun Lee, Eun-Kyung Kim, Jin Hwa Lee, Sang-Min Lee, Sangyeub Lee, Seong Yong Lim, Tae Rim Shin, Ho Il Yoon, Yeon-Mok Oh, **Sang-Do Lee**. Association between *CRHR1* polymorphism and improved lung function in response to inhaled corticosteroid in chronic obstructive pulmonary disease. **Respirology**, 2009;14:260-263.

10. Seung Won Ra, Sang-Bum Hong, Tae Sun Shim, Chae-Man Lim, **Sang-Do Lee**, Younsuck Koh, Woo Sung Kim, Dong Soon Kim, Won Dong Kim, Tae-Hyung Kim, Yeon-Mok Oh. Clinical validation of the lower limit of normal in lung diffusing capacity: Is the lower 5th percentile really the best cut-off value? **Respiratory Physiology & Neurobiology** 2009;167:354-356.

11. Sang-Eun Kim, Tran Thi Thanh Thuy, Ji-Hyun Lee, Jai Youl 꺾, Young-An Bae, Yoon Kong, Jee-Yin Ahn, Dong-Soon Lee, Yeon-Mock Oh, **Sang-Do Lee**, Yun-Song Lee. Simvastatin inhibits induction of matrix metalloproteinase-9 in rat alveolar macrophage exposed to cigarette smoke extract. **Exp Mol Med** 2009;41(4):277-287

12. Eun Jin Chae, Joon Beom Seo, Jae-Woo Song, Namkug Kim, Bum-Woo Park, Young Kyung Lee, Yeon-Mok Oh, **Sang Do Lee**, Seong Yong Lim. Slope of Emphysema Index: An Objective Descriptor of Regional Heterogeneity of Emphysema and an Independent Determinant of Pulmonary Function. **AJR** 2010; 194:W248–W255.

13. Ji-Hyun Lee, Young Kyung Lee, Eun-Kyung Kim, Tae-Hyung Kim, Jin Won Huh, Woo Jin Kim, Jin Hwa Lee, Sang-Min Lee, Sangyeub Lee, Seong Yong Lim, Tae Rim Shin, Ho Il Yoon, Seung Soo Sheen, NamKug Kim, Joon Beom Seo, Yeon-Mok Oh and **Sang-Do Lee**. Responses to inhaled long-acting beta-agonist and corticosteroid according to COPD subtype. **Resp Med** 2010; 104:542-549.

14. Jae Seung Lee, Seung Won Ra, Eun Jin Chae, Joon Beom Seo, Seong Yong Lim, Tae-Hyung Kim, **Sang-Do Lee**, Yeon-Mok Oh. Validation of the Lower Limit of Normal Diffusing Capacity for Detecting Emphysema. **Respiration** 2010

15. Gu Seob Roh, Chin-ok Yi, Yu Ji Cho, Byeong Tak Jeon, Irina Tsoy Nizamudtinova, Hye Jung Kim, Jin Hyun Kim, Yeon-Mok Oh, Jin Won Huh, Ji-Hyun Lee, Young Sil Hwang, **Sang-Do Lee**, Jong Deog Lee. Anti-inflammatory effects of celecoxib in rat lungs with smoke-induced emphysema. **Am J Physiol Lung Cell Mol Physiol** 2010;299:184-191

16.Eun Kyung Kim, Ji-Hyun Lee, Yeon-Mock Oh, Yun-Song Lee, **Sang-Do Lee**. Rosiglitazone attenuates hypoxia-induced pulmonary arterial hypertension in rats. **Respirology** 2010 (in press)

17.Jo KW, Ra SW, Chae EJ, S 대 JB, Kim NK, Lee JH, Kim EK, Lee YK, Kim TH, Huh JW, Kim WJ, Lee JH, Lee SM, Lim SY, Shin TR, Yoon HI, Sheen SS, Lee JS, **Lee SD**, Oh YM. Three phenotypes of obstructive lung disease in the elderly. *Int J Tuberc Lung Dis* 2010;14(11):1-8