

6th APELSO 2023 &


The 55th Annual Scientific Meeting of the Korean Society for Thoracic & Cardiovascular Surgery

"Post Pandemic, New Standards"

November 2(Thu) ~ 4(Sat), 2023 | Grand Intercontinental Seoul Parnas, Seoul, Korea



Curriculum Vitae

Name	First Name	Moo Suk	Last Name	Park
Country	Republic of Korea			
Affiliation	Yonsei University College of Medicine, Severance hospital			
E-mail	pms70@yuhs.ac			

Educational Background

1991 - 1997: Department of Medicine, Yonsei University College of Medicine, Seoul, Republic of Korea
- M.D. degree in Medicine in February 1997

2000 - 2002: The Graduate School, Yonsei University, Seoul, Republic of Korea
- M.S., Majoring in Internal Medicine

2004 - 2007: The Graduate School, Yonsei University, Seoul, Republic of Korea
- Ph.D., Majoring in Internal Medicine

1997 - 1998: Yonsei University Medical Center, Severance Hospital, Seoul, Republic of Korea
- Internship

1998 - 2001: Department of Internal Medicine, Yonsei University Medical Center, Severance Hospital, Seoul, Republic of Korea - Residency (Internal Medicine board)

2002 - 2004: Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Yonsei University Medical Center, Severance Hospital, Seoul, Republic of Korea
- Fellowship (Subspecialty – Pulmonary Medicine board)
(Subspecialty – Critical Care Medicine board)

2010 ~ 2012: Division of Pulmonary and Critical Care Medicine, University of Colorado, Anschutz Medical Campus, Aurora, Colorado, USA - Postdoctoral Fellowship

Professional Career

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2005.3 - 2008.2: Instructor in Pulmonary Division, Department of Internal Medicine,
Yonsei University College of Medicine

2008.3 – 2012.2: Assistant Professor in Pulmonary and Critical Care Division, Department of Internal Medicine,
Yonsei University College of Medicine

2012.3 – 2017.02: Associate Professor in Pulmonary and Critical Care Division, Department of Internal Medicine,
Yonsei University College of Medicine

2017.03 ~ current: Professor in Pulmonary and Critical Care Division, Department of Internal Medicine,
Yonsei University College of Medicine

2019.03 ~ 2023.02: Chief in Pulmonary and Critical Care Division, Department of Internal Medicine,
Yonsei University College of Medicine

Research Field

Clinical and experimental studies for

1. Interstitial lung diseases (ILDs) and idiopathic pulmonary fibrosis (IPF)
2. Lung transplantation
3. Critical care medicine – sepsis biomarkers and treatment of ARDS

Papers, Books, etc. presented or published by your name

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2023

1. New prognostic scoring system for mortality in idiopathic pulmonary fibrosis by modifying the gender, age, and physiology model with desaturation during the six-minute walk test.

Lee JH, Jang JH, Jang HJ, Kim SY, Chung MP, Yoo H, Jeong SH, Song JW, Lee HL, Choi SM, Kim YW, Kim YH, Park SW, Park JS, Jegal Y, Lee J, Uh ST, Kim TH, Kim YH, Shin B, Lee HK, Yang SH, Lee H, Kim SH, Lee EJ, Choi HS, Kang HK, Heo EY, Lee WY, Park MS.

Front Med (Lausanne). 2023 Jan 25;10:1052129.

2. Identification of Biomarkers for the Diagnosis of Sepsis-Associated Acute Kidney Injury and Prediction of Renal Recovery in the Intensive Care Unit.

Kwak SH, Ahn S, Shin MH, Leem AY, Lee SH, Chung K, Kim YS, Lee SG, Park MS.

Yonsei Med J. 2023 Mar;64(3):181-190.

3. Characteristics and risk factors of mortality in patients with systemic sclerosis-associated interstitial lung disease.

Jang HJ, Woo A, Kim SY, Yong SH, Park Y, Chung K, Lee SH, Leem AY, Lee SH, Kim EY, Jung JY, Kang YA, Kim YS, Park MS.

Ann Med. 2023 Dec;55(1):663-671.

4. COVID-19 Vaccine-Associated Pneumonitis in the Republic of Korea: A Nationwide Multicenter Survey.

HS Yoo, SY Kim, MS Park, SH Jeong, SW Park, HL, HK Lee, SH Yang, YJ Jegal, JW Yoo, JM Lee, HK Kang, SM Choi, JM Park, YW Kim, JW Song, JH Park, WI Choi, HS Choi, Chul Park, JW Park, MP Chung

J Korean Med Sci. 2023 Apr 10;38(14):e106

5. Aspergillus Galactomannan Titer as a Diagnostic Marker of Invasive Pulmonary Aspergillosis in Lung Transplant Recipients: A Single-Center Retrospective Cohort Study.

Eun-Young Kim, Seung-Hyun Yong, Min-Dong Sung, A-La Woo, Young-Mok Park, Ha-Eun Kim, Su-Jin Jung, Song-Yee Kim, Jin-Gu Lee, Young-Sam Kim, Hyo-Chae Paik, Moo-Suk Park.

J Fungi 2023;9(5):527

2022

1. NADPH oxidase 4 signaling in a ventilator-induced lung injury mouse model.

Lee SH, Shin MH, Leem AY, Lee SH, Chung KS, Kim YS, Park MS.

Respir Res. 2022 Mar 27;23(1):73.

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2. Long-term clinical course and progression of lymphangioleiomyomatosis in a single lung transplant referral centre in Korea.

Chang S, Choi JS, Leem AY, Lee SH, Lee SH, Kim SY, Chung KS, Jung JY, Kang YA, Kim YS, Lee JG, Paik HC, Shim HS, Lee EH*, Park MS*.

Sci Rep. 2022 May 18;12(1):8260

3. Lysophosphatidylcholine Alleviates Acute Lung Injury by Regulating Neutrophil Motility and Neutrophil Extracellular Trap Formation.

Jeong S, Kim B, Byun DJ, Jin S, Seo BS, Shin MH, Leem AY, Choung JJ, Park MS*, Hyun YM*.

Front Cell Dev Biol. 2022 Jul 4;10:941914.

4. Medical Complications of Lung Transplantation. Park MS.

J Chest Surg. 2022 Aug 5;55(4):338-356

5. Protective effect of methotrexate on lung function and mortality in rheumatoid arthritis-related interstitial lung disease: a retrospective cohort study.

Kim K, Woo A, Park Y, Yong SH, Lee SH, Lee SH, Leem AY, Kim SY, Chung KS, Kim EY, Jung JY, Kang YA, Kim YS, Park MS.

Ther Adv Respir Dis. 2022 Jan-Dec;16:17534666221135314.

2021

1. Development and validation of a novel sepsis biomarker based on amino acid profiling

Sunyoung Ahn, Su Hwan Lee, Kyung Soo Chung, Nam Su Ku, Young-Min Hyun, Sail Chun, Moo Suk Park*, Sang-Guk Lee*

Clinical Nutrition 2021;40(6):3668–3676

2. Corticosteroid responsiveness in patients with acute exacerbation of interstitial lung disease admitted to the emergency department.

Jang HJ, Yong SH, Leem AY, Lee SH, Kim SY, Lee SH, Kim EY, Chung KS, Jung JY, Kang YA, Kim YS, Chang J, Park MS.

Sci Rep. 2021 Mar 11;11(1):5762.

3. Longitudinal Changes in Clinical Features, Management, and Outcomes of Idiopathic Pulmonary Fibrosis: A Nationwide Cohort Study.

Moon SW, Kim SY, Chung MP, Yoo H, Jeong SH, Kim DS, Song JW, Lee HL, Choi SM, Kim YW, Kim YH, Park

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CS, Park SW, Park JS, Jegal Y, Lee J, Uh ST, Kim TH, Lee JH, Kim YH, Shin B, Lee HK, Yang SH, Lee H, Kim SH, Lee EJ, Choi HS, Shin H, Park YB, Shin JW, Park MS.

Ann Am Thorac Soc. 2021 May;18(5):780-787

2020

1. Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced Acute Lung Injury.

Eun Hye Lee, Mi Hwa Shin, Mia Gi, Jinhong Park, Doona Song, Young-Min Hyun, Ji-Hwan Ryu, Je Kyung Seong, Yoon Jeon, Gyoonee Han, Wan Namkung*, Moo Suk Park* and Jae Young Choi*. Theranostics 2020;10(22): 9913-22

2019

1. Clinical features and prognosis of patients with idiopathic pulmonary fibrosis and chronic obstructive pulmonary disease.

Int J Tuberc Lung Dis. 2019 Jun 1;23(6):678-684. doi: 10.5588/ijtld.18.0194.

Lee SH, Park JS, Kim SY, Kim DS, Kim YW, Chung MP, Uh ST, Park CS, Park SW, Jeong SH, Park YB, Lee HL, Shin JW, Lee JH, Jegal Y, Lee HK, Kim YH, Song JW, Park MS.

2. Risk factors and clinical characteristics of Pneumocystis jirovecii pneumonia in lung cancer.

Lee EH, Kim EY, Lee SH, Roh YH, Leem AY, Song JH, Kim SY, Chung KS, Jung JY, Kang YA, Kim YS, Chang J, Park MS.

Sci Rep. 2019 Feb 14;9(1):2094.

3. MALDI-TOF mass spectrometry based on parylene-matrix chip for the analysis of lysophosphatidylcholine in sepsis patient sera.

Park JM, Noh JY, Kim M, Yun TG, Lee SG, Chung KS, Lee EH, Shin MH, Ku NS, Yoon S, Kang MJ, Park MS, Pyun JC.

Anal Chem. Anal Chem. 2019;91(22):14719-14727

4. Korean Guidelines for Diagnosis and Management of Interstitial Lung Diseases: Part 2. Idiopathic Pulmonary Fibrosis.

Lee SH, Yeo Y, Kim TH, Lee HL, Lee JH, Park YB, Park JS, Kim YH, Song JW, Jhun BW, Kim HJ, Park J, Uh ST, Kim YW, Kim DS, Park MS; Korean Interstitial Lung Diseases Study Group.

Tuberc Respir Dis (Seoul). 2019;82:102-117

5. Usefulness of the preoperative prognostic nutritional index score as a predictor of the outcomes of lung

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transplantation: A single-institution experience.

Kim CY, Kim SY, Song JH, Kim YS, Jeong SJ, Lee JG, Paik HC, Park MS.

Clinical Nutrition 2019;38:2423-2429

2018

1. Comparison of CPI and GAP models in patients with idiopathic pulmonary fibrosis: a nationwide cohort study.

Lee SH, Park JS, Kim SY, Kim DS, Kim YW, Chung MP, Uh ST, Park CS, Park SW, Jeong SH, Park YB, Lee HL, Shin JW, Lee EJ, Lee JH, Jegal Y, Lee HK, Kim YH, Song JW, Park MS.

Sci Rep. 2018;8(1):4784

2. EphA2 Modulation Associates with Protective Effect of Prone Position in Ventilator-induced Lung Injury.

Park BH, Shin MH, Douglas IS, Chung KS, Song JH, Kim SY, Kim EY, Jung JY, Kang YA, Chang J, Kim YS, Park MS.

Am J Respir Cell Mol Biol. 2018;58(4): 519-529

3. Prognostic value of pre-transplant mean pulmonary arterial pressure in lung transplant recipients: a single-institution experience.

Kim CY, Park JE, Leem AY, Song JH, Kim SY, Chung KS, Kim EY, Jung JY, Kang YA, Kim YS, Chang J, Lee JG, Paik HC, Park MS.

J Thorac Dis. 2018 Mar;10(3):1578-1587.

4. Comparison of short-term outcomes for connective tissue disease-related interstitial lung disease and idiopathic pulmonary fibrosis after lung transplantation.

Park JE, Kim SY, Song JH, Kim YS, Chang J, Lee JG, Paik HC, Park MS.

J Thorac Dis. 2018 Mar;10(3):1538-1547

5. Pneumocystis jirovecii pneumonia (PCP) PCR-negative conversion predicts prognosis of HIV-negative patients with PCP and acute respiratory failure.

Choi JS, Lee SH, Leem AY, Song JH, Kim SY, Chung KS, Jung JY, Kang YA, Kim YS, Chang J, Park MS.

PLoS One. 2018 Oct 25;13(10):e0206231.

2017

1. All-trans retinoic acid attenuates bleomycin-induced pulmonary fibrosis via downregulating EphA2-EphrinA1 signaling.

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Leem AY, Shin MH, Douglas IS, Song JH, Chung KS, Kim EY, Jung JY, Kang YA, Chang J, Kim YS, Park MS.
Biochem Biophys Res Commun. 2017;491:721-6

2. Clinical significance of cigarette smoking and dust exposure in pulmonary alveolar proteinosis: a Korean national survey.

Hwang JA, Song JH, Kim JH, Chung MP, Kim DS, Song JW, Kim YW, Choi SM, Cha SI, Uh ST, Park CS, Jeong SH, Park YB, Lee HL, Shin JW, Lee EJ, Jegal Y, Lee HK, Park JS, Park MS.

BMC Pulm Med. 2017 Nov 21;17(1):147

2016

1. Comparisons of Prognosis between Surgically and Clinically Diagnosed Idiopathic Pulmonary Fibrosis Using Gap Model: A Korean National Cohort Study.

Lee SH, Kim SY, Kim DS, Kim YW, Chung MP, Uh ST, Park CS, Jeong SH, Park YB, Lee HL, Shin JW, Lee EJ, Lee JH, Jegal Y, Lee HK, Kim YH, Song JW, Park MS.

Medicine (Baltimore). 2016 Mar;95(11):e3105.

2. Inhibition of EphA2/EphrinA1 signal attenuates lipopolysaccharide -induced lung injury.

Hong JY, Shin MH, Douglas IS, Chung KS, Kim EY, Jung JY, Kang YA, Kim SK, Chang J, Kim YS, Park MS.

Clinical Science 2016;130:1993-2003.

2015

1. Association between occupational dust exposure and prognosis of idiopathic pulmonary fibrosis: a Korean national survey.

Lee SH, Kim DS, Kim YW, Chung MP, Uh ST, Park CS, Jeong SH, Park YB, Lee HL, Song JS, Shin JW, Yoo NS, Lee EJ, Lee JH, Jegal Y, Lee HK, Park MS.

Chest. 2015;147(2):465-74,

2. Association between Sarcopenia and Metabolic Syndrome in Chronic Obstructive Pulmonary Disease: The Korea National Health and Nutrition Examination Survey (KNHANES) from 2008 to 2011.

Jae Ho Chung, Hee-Jin Hwang, Chang Hoon Han, Bong Soo Son, Do Hyung Kim, and Moo Suk Park

COPD. 2015;12(1):82-9

3. GLUCAGON LEVELS, DISEASE SEVERITY, AND OUTCOME IN SEVERE SEPSIS.

Won Jai Jung, Byung Hoon Park, Kyung Soo Chung, Song Yee Kim, Eun Young Kim, Ji Ye Jung, Young Ae Kang, Young Sam Kim, Se Kyu Kim, Joon Chang, Moo Suk Park.

Shock. 2015 Jun;43(6):563-8

2013

1. TGF- β (1) T869C Polymorphism May Affect Susceptibility to Idiopathic Pulmonary Fibrosis and Disease

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Severity.

Son JY, Kim SY, Cho SH, Shim HS, Jung JY, Kim EY, Lim JE, Park BH, Kang YA, Kim YS, Kim SK, Chang J, Park MS.

Lung (2013) 191:199-205

2. Associations of moderate to severe asthma with obstructive sleep apnea.

Byun MK, Park SC, Chang YS, Kim YS, Kim SK, Kim HJ, Chang J, Ahn CM, Park MS.

Yonsei Med J. 2013;54(4):942-8

2012

1. MAP Kinase Phosphatase-1 Modulates Regional Effects of Injurious Mechanical Ventilation in Rodent Lungs. Park MS, He Q, Edwards MG, Sergew A, Riches DW, Albert RK, Douglas IS.

Am J Respir Crit Care Med. 2012;186(1); 72-81.

2. Prevalence, risk factors and survival of lung cancer in the idiopathic pulmonary fibrosis. KJ Lee, MP Chung, YW Kim, JH Lee, KS Kim, JS Ryu, HL Lee, SW Park, CS Park, ST Uh, YC Lee, SJ Park, KH Kim, YJ Jeon, WI Choi, YB Park, DS Kim, SH Jeong, JH Lee, MS Park. Thoracic Cancer 2012; 3(1): 150–155.

3. Risk Factors for Occurrence and 30-Day Mortality for Carbapenem-Resistant Acinetobacter baumannii Bacteremia in an Intensive Care Unit. Kim SY, Jung JY, Kang YA, Lim JE, Kim EY, Lee SK, Park SC, Chung KS, Park BH, Kim YS, Kim SK, Chang J, Park MS. J Korean Med Sci. 2012 Aug;27(8):939-47