


Name	Chul-Gyu Yoo	
Country	Republic of Korea	
Organization	Seoul National University College of Medicine	
Current Position	Professor	

Educational Background

He graduated from Seoul National University College (SNU) of Medicine in 1983 and has done his clinical training in Seoul National University Hospital (SNUH) continuing his fellowship training in the Department of Pulmonology. He's got Ph.D degree in Seoul National University, post-graduate College of Medicine in 1989. He had worked as a research fellow during his stay in University of North Carolina of USA from 1995 to 1997.

Professional Experiences

Professor in SNU College of Medicine : September 2005 – Present
 Director of Medical Intensive Care Unit : July 2000 – July 2012
 Director of Division of Pulmonary & Critical Care Medicine, SNUH : July 2010 – July 2014
 Chairman of Department of Internal Medicine, SNU College of Medicine and SNUH : July 2014 – July 2018.
 Chairman of Institutional Review Board (IRB), SNU College of Medicine & SNUH March 2021 – Present.

Professional Organizations

He has been a member of the Korean Academy of Tuberculosis and Respiratory Diseases (KATRD), the Korean Association of Internal Medicine (KAIM), the Korean Society of Molecular Biology, and the Asian Pacific Society of Respirology (APSR). He was the Director of the Scientific Board in the KATRD from Jan 2012 to Dec 2014, the Director of the Scientific Board in the KAIM from Oct 2013 to Oct 2016, and Chairman of the Board in the KAIM from Oct 2016 to Oct 2019. He is now the President of KATRD and the President Elect in APSR.

Main Scientific Publications

- 1, Jeong YJ, Lee KH, Woo J, Kim JY, Lee CH, **Yoo CG**. Downregulation of Lysosome-Associated Membrane Protein-2A Contributes to the Pathogenesis of COPD. Int J Chron Obstruct Pulmon Dis. 2023 Mar 14;18:289-303
- 2, Lee KH, Woo J, Kim J, Lee CH, **Yoo CG**. YPL-001 Shows Various Beneficial Effects against Cigarette Smoke Extract-Induced Emphysema Formation: Anti-Inflammatory, Anti-Oxidative, and Anti-Apoptotic Effects. Antioxidants (Basel). 2022 Dec 22;12(1):15
3. Heo EY, Lee KH, Woo J, Kim J, Lee CH, Lee KJ, Kim YK, **Yoo CG**. Cereblon Deficiency Contributes to the Development of Elastase-Induced Emphysema by Enhancing NF-κB Activation. Antioxidants (Basel). 2022 Oct 4;11(10):1980

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4. Joo DH, Lee KH, Lee CH, Woo J, Kim J, Park SJ, Rhee CK, Lee WY, Park D, Lee JS, Jung KS, Yoo KH, **Yoo CG**. Developmental endothelial locus-1 as a potential biomarker for the incidence of acute exacerbation in patients with chronic obstructive pulmonary disease. *Respir Res*. 2021 Nov 20;22(1):297
 5. Park J, Lee KH, Kim H, Woo J, Heo J, Lee CH, Yi SM, **Yoo CG**. The impact of organic extracts of seasonal PM_{2.5} on primary human lung epithelial cells and their chemical characterization. *Environ Sci Pollut Res Int*. 2021 Nov;28(42):59868-59880
 6. Jeong J, Oh C, Kim J, **Yoo CG**, Kim KI. LSD1-S112A exacerbates the pathogenesis of CSE/LPS-induced chronic obstructive pulmonary disease in mice. *BMB Rep*. 2021 Oct;54(10):522-527.
 7. Lee KH, Woo J, Kim JY, Lee CH, **Yoo CG**. Cigarette smoke extract-induced downregulation of p300 is responsible for the impaired inflammatory cytokine response of macrophages. *Cell Signal*. 2021 Sep;85:110050.
 8. Kwak N, Lee KH, Woo J, Kim J, Lee CH, **Yoo CG**. Synergistic cycles of protease activity and inflammation via PPAR γ degradation in chronic obstructive pulmonary disease. *Exp Mol Med*. 2021 May;53(5):947-955.
 9. Kang HJ, Lee KJ, Woo J, Kim J, Kim YK, Lee CH, **Yoo CG**, Lee KH. Cereblon contributes to the development of pulmonary fibrosis via inactivation of adenosine monophosphate-activated protein kinase α 1. *Exp Mol Med*. 2021 May;53(5):885-893.
 10. Lee KH, Woo J, Kim J, Lee CH, **Yoo CG**. Cigarette smoke extract decreased basal and lipopolysaccharide-induced expression of MARCO via degradation of p300. *Respirology*. 2021 Jan;26(1):102-111.
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