

Curriculum Vitae

You Sook Cho, M.D. Ph.D

Education

3/1986 - 2/1992 College of Medicine, Kyungpuk National Univ. Taegu, Korea
(M.D degree)

3/1997 - 2/2001 Graduate School, Ulsan University (M.S and Ph.D. in Medical
Science)

Postgraduate Professional Training

3/1992 - 2/1993 Internship, Asan Medical Center, Seoul, Korea

3/1993 - 2/1997 Medical Residency, Asan Medical Center, Seoul, Korea

3/1997 - 2/2000 Clinical fellowship in Allergy, Asan Medical Center, Seoul, Korea

9/2005 - 6/2007 Research Fellowship in Johns Hopkins University School of
Medicine, Department of Medicine-Division of Allergy and
Clinical Immunology, Baltimore, MD, USA

Professional Appointments

3/2000 - 2/2001: Clinical consultant, Dept. of Allergy, Asan Medical Center, Seoul,
Korea

3/2001 - 9/2003 : Clinical Instructor in Medicine, Dept. of Allergy, University of
Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

10/2003 -9/2008 : Assistant professor in Medicine, Dept. of Allergy, University of
Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

10/2008 - date : Professor in Medicine, Dept. of Allergy, University of Ulsan College
of Medicine, Asan Medical Center, Seoul, Korea

Current Positions

Director in Clinical Trial Center, Asan Medical Center, Seoul, Korea

Director in Office for Scientific Planning and Coordination, Asan Life Science Research Center

Licensure

- 3/1992 Licensed to practice Medicine (#48107)
- 3/1997 Diplomate, Korean Board of Internal Medicine (#5308)
- 10/1999 Subspecialty Board of Allergy (#8-99-39)

Professional Societies

Korean Association of Internal Medicine
Korean Society of Allergology
Korean Society for Immunology
American Academy of Allergy, Asthma and Immunology

List of publication : SCI paper (You Sook Cho)

1. Oxidative Stress Modulates the Expression Pattern of Peroxiredoxin-6 in Peripheral Blood Mononuclear Cells of Asthmatic Patients and Bronchial Epithelial Cells. Shim HJ, Park SY, Kwon HS, Song WJ, Kim TB, Moon KA, Choi JP, Kim SJ, Cho YS Allergy Asthma Immunol Res. 2020 May;12(3):523-536.
2. Evaluation of Drug-Induced Liver Injury Developed During Hospitalization Using Electronic Health Record (EHR)-Based Algorithm. Kang Y, Kim SH, Park SY, Park BY, Lee JH, An J, Won HK, Song WJ, Kwon HS, Cho YS, Moon HB, Shim JH, Yang MS, Kim TB. Allergy Asthma Immunol Res. 2020 May;12(3):430-442
3. Prevalence and impact of comorbid laryngeal dysfunction in asthma: A systematic review and meta-analysis. Lee JH, An J, Won HK, Kang Y, Kwon HS, Kim TB, Cho YS, Moon HB, Song WJ, Hull JH. J Allergy Clin Immunol. 2020 Jan 12. [Epub ahead of print]

4. Characterization of Severe Asthma Worldwide: Data From the International Severe Asthma Registry. Wang E, Wechsler ME, Tran TN, Heaney LG, Jones RC, Menzies-Gow AN, Busby J, Jackson DJ, Pfeffer PE, Rhee CK, Cho YS, Canonica GW, Heffler E, Gibson PG, Hew M, Peters M, Harvey ES, Alacqua M, Zangrilli J, Bulathsinhala L, Carter VA, Chaudhry I, Eleangovan N, Hosseini N, Murray RB, Price DB. *Chest*. 2019 Nov 27. [Epub ahead of print]
5. Macrophage-derived progranulin promotes allergen-induced airway inflammation. Choi JP, Park SY, Moon KA, Ha EH, Woo YD, Chung DH, Kwon HS, Kim TB, Park HS, Moon HB, Song WJ, Cho YS. *Allergy*. 2019 Nov 22. [Epub ahead of print]
6. Clinical significance of serum MRGPRX2 as a new biomarker in allergic asthma. An J, Lee JH, Won HK, Kang Y, Song WJ, Kwon HS, Cho YS, Moon HB, Kim TB. *Allergy*. 2019 Oct 12. [Epub ahead of print]
7. Validation of the Prescreening Intradermal Skin Test for Predicting Hypersensitivity to Iodinated Contrast Media: A Prospective Study with ICM Challenge. Lee JH, Kwon OY, Park SY, Seo B, Won HK, Kang Y, An J, Kwon HS, Song WJ, Cho YS, Moon HB, Yong HS, Hur GY, Kim TB. *J Allergy Clin Immunol Pract*. 2020 Jan;8(1):267-272
8. Breakthrough reactions during rapid drug desensitization: Clinical outcome and risk factors. Kang Y, Kwon OY, Jung H, Kang M, An J, Lee JH, Won HK, Song WJ, Kwon HS, Cho YS, Moon HB, Kim TB. *Ann Allergy Asthma Immunol*. 2019 Jul;123(1):48-56
9. Novel Strategy for the Prevention of Recurrent Hypersensitivity Reactions to Radiocontrast Media Based on Skin Testing. Kwon OY, Lee JH, Park SY, Seo B, Won HK, Kang Y, An J, Kwon HS, Song WJ, Cho YS, Moon HB, Kim TB. *J Allergy Clin Immunol Pract*. 2019 Nov - Dec;7(8):2707-2713
10. Bronchial Thermoplasty in Patients with Severe Uncontrolled Asthma: First Korean Cases. Kang J, Cho YS, Choi DK, Lee JS, Oh YM, Lee SD, Lee SW. *J Korean Med Sci*. 2019 Apr 22;34(15):e120
11. High ACT score is not sufficient to reduce the risk of asthma exacerbations in asthma with low lung function. Kwon JW, Jung H, Kim SH, Chang YS, Cho YS, Nahm DH, Jang AS, Park JW, Yoon HJ, Cho SH, Cho YJ, Choi BW, Moon HB, Kim TB; COREA investigators. *Respir Med*. 2019 Apr;150:38-44
12. Endothelial Sox17 promotes allergic airway inflammation. Ha EH, Choi JP, Kwon HS, Park HJ, Lah SJ, Moon KA, Lee SH, Kim I, Cho YS. *J Allergy Clin Immunol*. 2019 Mar 28[Epub]

13. Serum Levels of Eosinophil-Derived Neurotoxin: A Biomarker for Asthma Severity in Adult Asthmatics. Lee Y, Lee JH, Yang EM, Kwon E, Jung CG, Kim SC, Choi Y, Cho YS, Kim CK, Park HS. *Allergy Asthma Immunol Res.* 2019 May;11(3):394-405
14. Clinical characteristics of eperisone-induced immediate-type hypersensitivity. Shin B, Yoon SY, Lee JH, Won HK, An J, Kang Y, Song WJ, Kim TB, Cho YS, Moon HB, Kwon HS. *Asian Pac J Allergy Immunol.* 2019 Mar 24[Epub]
15. Differences in Adverse Reactions Among Iodinated Contrast Media: Analysis of the KAERS Database. An J, Jung H, Kwon OY, Kang Y, Lee JH, Won HK, Song WJ, Kwon HS, Cho YS, Moon HB, Kim TB. *J Allergy Clin Immunol Pract.* 2019 Mar 12[Epub]
16. Novel Trajectories for Identifying Asthma Phenotypes: A Longitudinal Study in Korean Asthma Cohort, COREA. Park SY, Jung HW, Lee JM, Shin B, Kim HJ, Kim MH, Song WJ, Kwon HS, Jung JW, Kim SH, Park HW, Jang AS, Chang YS, Cho YS, Cho YJ, Cho SH, Choi BW, Won S, Park T, Moon HB, Kim C, Kim TB; COREA investigators. *J Allergy Clin Immunol Pract.* 2019 Feb 19[Epub]
17. Longitudinal analysis to better characterize Asthma-COPD overlap syndrome: Findings from an adult asthma cohort in Korea (COREA). Park SY, Jung H, Kim JH, Seo B, Kwon OY, Choi S, Oh B, Kwon HS, Cho YS, Moon HB, Won S, Park T, Kim TB. *Clin Exp Allergy.* 2019 May;49(5):603-614.
18. Characteristics of Adult Severe Refractory Asthma in Korea Analyzed From the Severe Asthma Registry. Kim MH, Kim SH, Park SY, Ban GY, Kim JH, Jung JW, Moon JY, Song WJ, Kwon HS, Kwon JW, Lee JH, Kang HR, Park JS, Kim TB, Park HW, Yoo KH, Oh YM, Koh YI, Jang AS, Lee BJ, Cho YJ, Cho SH, Park HS, Park CS, Yoon HJ, Cho YS. *Allergy Asthma Immunol Res.* 2019 Jan;11(1):43-54.
19. Role of house dust mite-derived extracellular vesicles in a murine model of airway inflammation. Choi JP, Jeon SG, Kim YK, Cho YS. *Clin Exp Allergy.* 2019 Feb;49(2):227-238
20. Dilemma of Asthma Treatment in Mild Patients. Cho YS, Oh YM. *Tuberc Respir Dis (Seoul).* 2018 Sep 28.
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 23. High Prevalence of Asthma in Elderly Women: Findings From a Korean National Health Database and Adult Asthma Cohort. Park SY, Kim JH, Kim HJ, Seo B, Kwon OY, Chang HS, Kwon HS, Kim TB, Kim H, Park CS, Moon HB, **Cho YS**. *Allergy Asthma Immunol Res.* 2018 Jul;10(4):387-396
 24. A Randomized, Multicenter, Double-blind, Phase III Study to Evaluate the Efficacy on Allergic Rhinitis and Safety of a Combination Therapy of Montelukast and Levocetirizine in Patients With Asthma and Allergic Rhinitis. Kim MK, Lee SY, Park HS, Yoon HJ, Kim SH, Cho YJ, Yoo KH, Lee SK, Kim HK, Park JW, Park HW, Chung JH, Choi BW, Lee BJ, Chang YS, Jo EJ, Lee SY, **Cho YS**, Jee YK, Lee JM, Jung J, Park CS. *Clin Ther.* 2018 Jul;40(7):1096-1107.
 25. Perceptions of Severe Asthma and Asthma-COPD Overlap Syndrome Among Specialists: A Questionnaire Survey. Kim SH, Moon JY, Lee JH, Ban GY, Kim S, Kim MA, Kim JH, Kim MH, Park CS, Park SY, Kwon HS, Kwon JW, Jung JW, Kang HR, Park JS, Kim TB, Park HW, **Cho YS**, Yoo KH, Oh YM, Lee BJ, Jang AS, Cho SH, Park HS, Park CS, Yoon HJ Severe Asthma Work Group, the Korean Academy of Asthma, Allergy and Clinical Immunology. *Allergy Asthma Immunol Res.* 2018 May;10(3):225-235
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 27. Effects of Immunoglobulin Replacement on Asthma Exacerbation in Adult Asthmatics with IgG Subclass Deficiency. Kim JH, Ye YM, Ban GY, Shin YS, Lee HY, Nam YH, Lee SK, **Cho YS**, Jang SH, Jung KS, Park HS. *Allergy Asthma Immunol Res.* 2017 Nov;9(6):526-533.
 28. Clinical Characteristics of Exacerbation-Prone Adult Asthmatics Identified by Cluster Analysis. Kim MA, Shin SW, Park JS, Uh ST, Chang HS, Bae DJ, **Cho YS**, Park HS, Yoon HJ, Choi BW, Kim YH, Park CS. *Allergy Asthma Immunol Res.* 2017 Nov;9(6):483-490

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33. Serum progranulin as an indicator of neutrophilic airway inflammation and asthma severity. Park SY, Hong GH, Park S, Shin B, Yoon SY, Kwon HS, Kim TB, Moon HB, **Cho YS**. *Ann Allergy Asthma Immunol*. 2016 Dec;117(6):646-650
34. Factors Affecting Recovery Time of Pulmonary Function in Hospitalized Patients With Acute Asthma Exacerbations. Kim HJ, Lee J, Kim JH, Park SY, Kwon HS, Kim TB, Moon HB, **Cho YS**. *Allergy Asthma Immunol Res*. 2016 Nov;8(6):499-504
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38. Association between Polymorphisms in Bitter Taste Receptor Genes and Clinical Features in Korean Asthmatics. Yoon SY, Shin ES, Park SY, Kim S, Kwon HS, **Cho YS**, Moon HB, Kim TB. *Respiration*. 2016;91(2):141-50
39. Senescence-Associated MCP-1 Secretion Is Dependent on a Decline in BMI1 in Human Mesenchymal Stromal Cells. Jin HJ, Lee HJ, Heo J, Lim J, Kim M, Kim MK,

- Nam HY, Hong GH, **Cho YS**, Choi SJ, Kim IG, Shin DM, Kim SW. Antioxid Redox Signal. 2016 Mar 20;24(9):471-85
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 42. New scoring system for the differentiation of chronic obstructive pulmonary disease and asthma..Lee YS, Baek S, Ko Y, Kim MY, Lee HK, Kim TB, **Cho YS**, Moon HB, Lee SD, Oh YM. Respirology. 2015 May;20(4):626-32
 43. Role of AMP-Activated Protein Kinase (AMPK) in Smoking-Induced Lung Inflammation and Emphysema. Lee JS, Park SJ, **Cho YS**, Huh JW, Oh YM, Lee SD. Tuberc Respir Dis (Seoul). 2015 Jan;78(1):8-17
 44. Clinical factors affecting discrepant correlation between asthma control test score and pulmonary function. Park SY, Yoon SY, Shin B, Kwon HS, Kim TB, Moon HB, **Cho YS**. Allergy Asthma Immunol Res. 2015 Jan;7(1):83-7.
 45. Classification and implementation of asthma phenotypes in elderly patients. Park HW, Song WJ, Kim SH, Park HK, Kim SH, Kwon YE, Kwon HS, Kim TB, Chang YS, **Cho YS**, Lee BJ, Jee YK, Jang AS, Nahm DH, Park JW, Yoon HJ, Cho YJ, Choi BW, Moon HB, Cho SH. Ann Allergy Asthma Immunol. 2015 Jan;114(1):18-22.
 46. Risk factors for asthma-related healthcare use: longitudinal analysis using the NHI claims database in a Korean asthma cohort. Lee T, Kim J, Kim S, Kim K, Park Y, Kim Y, Lee YS, Kwon HS, Kim SH, Chang YS, **Cho YS**, Jang AS, Park JW, Nahm DH, Yoon HJ, Cho SH, Cho YJ, Choi BW, Moon HB, Kim TB; COREA study group. PLoS One. 2014 Nov 14;9(11)
 47. Now is the Right Time to Establish a New Strategy for Managing Chronic Cough as a Neuropathic Disorder. **Cho YS**. Allergy Asthma Immunol Res. 2014 Sep;6(5):373-5.
 48. ERK1/2 antagonize AMPK-dependent regulation of FcεRI-mediated mast cell activation and anaphylaxis. Hwang SL, Lu Y, Li X, Kim YD, **Cho YS**, Jahng Y, Son JK, Lee YJ, Kang W, Taketomi Y, Murakami M, Moon TC, Chang HW.J Allergy Clin Immunol. 2014.134(3):714-721.

49. Rapid onset of Stevens-Johnson syndrome and toxic epidermal necrolysis after ingestion of acetaminophen. Kim EJ, Lim H, Park SY, Kim S, Yoon SY, Bae YJ, Kwon HS, **Cho YS**, Moon HB, Kim TB. *Asia Pac Allergy*. 2014 Jan;4(1):68-72
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51. Influence of initial treatment modality on long-term control of chronic idiopathic urticaria. Kim S, Baek S, Shin B, Yoon SY, Park SY, Lee T, Lee YS, Bae YJ, Kwon HS, **Cho YS**, Moon HB, Kim TB. *PLoS One*. 2013 Jul 23;8(7)
52. Identification of asthma clusters in two independent Korea Adult asthma cohorts. Kim TB, Jang AS, Kwon HS, Park JS, Chang YS, Cho SH, Choi BW, Park JW, Nam DH, Yoon HJ, Cho YJ, Moon HB, Park CS, **Cho YS**. *Eur Respir J* 2013;41: 1308-1314
53. Differences between asthma in young and elderly: results from the COREA study. Park HW, Kwon HS, Kim TB, Kim SH, Chang YS, Jang AS, **Cho YS**, Nahm DH, Park JW, Yoon HJ, Cho YJ, Choi BW, Moon HB, Cho SH; COREA Study Group. *Respir Med*. 2013 Oct;107(10):1509-14
54. The Effectiveness of Automatic Recommending System for Premedication in Reducing Recurrent Radiocontrast Media Hypersensitivity Reactions. Bae YJ, Hwang YW, Yoon SY, Kim S, Lee T, Lee YS, Kwon HS, **Cho YS**, Shin MJ, Moon HB, Kim TB. *PLoS One*. 2013 Jun 19;8(6)
55. A case of idiopathic anaphylaxis followed by acute liver injury. Kim S, Yoon SY, Park SY, Kwon HS, **Cho YS**, Moon HB, Kim TB. *Allergy Asthma Immunol Res*. 2013 Jul;5(4):245-7
56. Serum procalcitonin as a biomarker differentiating delayed-type drug hypersensitivity from systemic bacterial infection. Yoon SY, Baek SH, Kim S, Lee YS, Lee T, Bae YJ, Kwon HS, Huh JW, Hong SB, **Cho YS**, Chun S, Lim CM, Koh Y, Moon HB, Kim TB. *J Allergy Clin Immunol*. 2013 Oct;132(4):981-3
57. Impact of atopy on asthma and allergic rhinitis in the cohort for reality and evolution of adult asthma in Korea. Jang AS, Kim SH, Kim TB, Park HW, Kim SH, Chang YS, Lee JH, **Cho YS**, Park JW, Nahm DH, Cho YJ, Cho SH, Yoon HJ, Choi BW, Moon HB, Park CS; COREA study group. *Allergy Asthma Immunol Res*. 2013 May;5(3):143-9

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- Kim TB, Kim SH, Park HW, Park SW, Chang YS, **Cho YS**, Park JW, Cho YJ, Yoon HJ, Cho SH, Choi BW, Moon HB, Min KU. *J Asthma*. 2012 Apr;49(3):303-9.
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70. Airway Measurement for Airway Remodeling Defined by Post-Bronchodilator FEV1/FVC in Asthma: Investigation Using Inspiration-Expiration Computed Tomography. Chae EJ, Kim TB, **Cho YS**, Park CS, Seo JB, Kim N, Moon HB. *Allergy Asthma Immunol Res*. 2011 Apr;3(2):111-7.
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