




CV Template of KATRD International Conference 2021

Name	Byung Woo Jhun			
First Name	Byung Woo	Last Name	Jhun	
Country	Korea			
Organization	Samsung Medical Center			
Current Position	Assistant Professor			

Educational Background

2007 Pusan national university, Korea, Bachelor's degree

2015 Sungkyunkwan University School of Medicine, Korea, Masters Degrees in Medicine

2018 Sungkyunkwan University School of Medicine, Korea, Ph.D. degree in Medicine

Professional Experiences

2017 Fellow, Samsung Medical Center, Pulmonary and Critical Care Medicine

2018 Clinical instructor, Samsung Medical Center, Pulmonary and Critical Care Medicine

2019 Clinical assistant professor, Samsung Medical Center, Pulmonary and Critical Care Medicine

2020 Assistant professor, Samsung Medical Center, Pulmonary and Critical Care Medicine

Professional Organizations

The Korean Academy of Tuberculosis and Respiratory Diseases (KATRD)

Main Scientific Publications

Publications in SCI(E) journals: as the (co-) first or (co-) corresponding author

1. Jhun BW, Park HY, Jeon K, Koh WJ, Suh GY, Chung MP, Kim H, Kwon OJ, Han J, Um SW. Nodal stations and diagnostic performances of endobronchial ultrasound-guided transbronchial needle aspiration in patients with non-small cell lung cancer. J Korean Med Sci. 2012 Jan;27(1):46-51.

2. Jhun BW, Lee KJ, Jeon K, Suh GY, Chung MP, Kim H, Kwon OJ, Sun JM, Ahn JS, Ahn MJ, Park K, Choi JY, Lee KS, Han J, Um SW. Clinical applicability of staging small cell lung cancer according to the seventh edition of the TNM staging system. Lung Cancer. 2013 Jul;81(1):65-70.

3. Jhun BW, Jeon K, Eom JS, Lee JH, Suh GY, Kwon OJ, Koh WJ. Clinical characteristics and treatment outcomes of chronic pulmonary aspergillosis. Med Mycol. 2013 Nov;51(8):811-817.

4. Jhun BW, Lee KJ, Jeon K, Um SW, Suh GY, Chung MP, Kwon OJ, Kim H. The clinical, radiological, and bronchoscopic findings and outcomes in patients with benign tracheobronchial tumors. Yonsei Med J. 2014 Jan;55(1):84-91.

5. Jhun BW, Kim SJ, Kim K, Lee JE. Clinical implications of initial peripheral eosinophilia in acute eosinophilic pneumonia. Respiriology. 2014 Oct;19(7):1059-1065.



6. Jhun BW, Kim SJ, Kim K, Lee JE, Hong DJ. Clinical implications of correlation between peripheral eosinophil count and serum levels of IL-5 and tryptase in acute eosinophilic pneumonia. *Respir Med.* 2014 Nov;108(11):1655-1662. (corresponding Author).
7. Jhun BW, Um SW, Suh GY, Chung MP, Kim H, Kwon OJ, Han J, Lee KJ. Clinical value of endobronchial ultrasound findings for predicting nodal metastasis in patients with suspected lymphadenopathy: a prospective study. *J Korean Med Sci.* 2014 Dec;29(12):1632-1638.
8. Jhun BW, Um SW, Suh GY, Chung MP, Kim H, Kwon OJ, Lee KS, Han J, Kim J. Preoperative flexible bronchoscopy in patients with persistent ground-glass nodule. *PLoS One.* 2015 Mar 24;10(3):e0121250.
9. Park HY, Jhun BW, Jeong HJ, Chon HR, Koh WJ, Suh GY, Kim H, Chung MJ, Jun HJ, Choi YH, Lim SY. The complex association of metabolic syndrome and its components with computed tomography-determined emphysema index. *Metab Syndr Relat Disord.* 2015 Apr;13(3):132-139. (co-first author).
10. Kim SJ, Kim K, Park SB, Hong DJ, Jhun BW. Outcomes of early administration of cidofovir in non-immunocompromised patients with severe adenovirus pneumonia. *PLoS One.* 2015 Apr 15;10(4):e0122642. (corresponding author).
11. Yoon H, Kim SJ, Kim K, Lee JE, Jhun BW. The utility of thoracic ultrasound in patients with acute eosinophilic pneumonia. *PLoS One.* 2015 Apr 20;10(4):e0124370. (corresponding author).
12. Jhun BW, Kim SJ, Son RC, Yoo H, Jeong BH, Chung MP, Jeon K. Clinical outcomes in patients with acute eosinophilic pneumonia not treated with corticosteroids. *Lung.* 2015 Jun;193(3):361-367.
13. Jhun BW, Kim SJ, Kim K, Kim S, Lee JE. The Clinical courses of patients with congenital cystic adenomatoid malformation complicated by pneumonia. *Yonsei Med J.* 2015 Jul;56(4):968-975.
14. Jhun BW, Kim SJ, Kim K, Lee JE. Outcomes of rapid corticosteroid tapering in acute eosinophilic pneumonia patients with initial eosinophilia. *Respirology.* 2015 Nov;20(8):1241-1247. (corresponding author).
15. Yoon CG, Kim SJ, Kim K, Lee JE, Jhun BW. Clinical characteristics and factors influencing the occurrence of acute eosinophilic pneumonia in Korean military personnel. *J Korean Med Sci.* 2016 Feb;31(2):247-253. (corresponding author).
16. Yoon H, Jhun BW, Kim SJ, Kim K. Clinical characteristics and factors predicting respiratory failure in adenovirus pneumonia. *Respirology.* 2016 Oct;21(7):1243-1250. (corresponding author).
17. Jhun BW, Kim SY, Kong JH, Park JR, Park SY, Shim MA, Jeon K, Park HY, Shin SJ, Koh WJ. The 100 most-cited articles on non-tuberculous mycobacterial infection from 1995 to 2015. *Int J Tuberc Lung Dis.* 2017 Jan 1;21(1):100-106.
18. Yoon H, Jhun BW, Kim H, Yoo H, Park SB. Characteristics of adenovirus pneumonia in Korean military personnel, 2012-2016. *J Korean Med Sci.* 2017 Feb;32(2):287-295. (corresponding author).
19. Yang B, Jhun BW, Moon SM, Lee H, Park HY, Jeon K, Kim DH, Kim SY, Shin SJ, Daley CL, Koh WJ. Clofazimine-containing regimen for the treatment of Mycobacterium abscessus lung disease. *Antimicrob Agents Chemother.* 2017 May 24;61(6). pii: e02052-16. (co-first author).
20. Moon SM, Jhun BW, Lee H, Park HY, Jeon K, Lee SY, Koh WJ. Effect of a 150 mg dose of rifabutin on serum itraconazole levels in patients with coexisting chronic pulmonary aspergillosis and Mycobacterium avium complex lung disease. *J Infect Chemother.* 2017 Sep;23(9):658-66. (co-first author).
21. Kang JS, Jhun BW, Yoon H, Lim SM, Ko E, Park JH, Hwang SY, Lee SU, Lee TR, Cha WC, Shin TG, Sim MS, Jo IJ. The utility of preliminary patient evaluation in a febrile respiratory infectious disease unit outside the emergency department. *J Korean Med Sci.* 2017 Sep;32(9):1534-1541. (co-first author).
22. Jhun BW, Kim SY, Park HY, Jeon K, Shin SJ, Koh WJ. Changes in serum IgA antibody levels against the glycopeptidolipid core antigen during antibiotic treatment of Mycobacterium avium complex lung disease. *Jpn J Infect Dis.* 2017 Sep 25;70(5):582-585.
23. Lee H, Jhun BW, Cho J, Yoo KH, Lee JH, Kim DK, Lee JD, Jung KS, Lee JY, Park HY. Different impacts of respiratory symptoms and comorbidities on COPD-specific health-related quality of life by COPD severity. *Int J Chron Obstruct Pulmon Dis.* 2017 Nov 13;12:3301-3310. (co-first author).
24. Jhun BW, Jung WJ, Hwang NY, Park HY, Jeon K, Kang ES, Koh WJ. Risk factors for the development



of chronic pulmonary aspergillosis in patients with nontuberculous mycobacterial lung disease. *PLoS One*. 2017 Nov 30;12(11):e0188716.

25. Jhun BW, Moon SM, Kim SY, Park HY, Jeon K, Kwon OJ, Huh HJ, Ki CS, Lee NY, Chung MJ, Lee KS, Shin SJ, Daley CL, Koh WJ. Intermittent antibiotic therapy for recurrent nodular bronchiectatic *Mycobacterium avium* complex lung disease. *Antimicrob Agents Chemother*. 2018 Jan 25;62(2). pii: e01812-17.

26. Choi H, Jhun BW, Kim SY, Kim DH, Lee H, Jeon K, Kwon OJ, Huh HJ, Ki CS, Lee NY, Shin SJ, Daley CL, Koh WJ. Treatment outcomes of macrolide-susceptible *Mycobacterium abscessus* lung disease. *Diagn Microbiol Infect Dis*. 2018 Apr;90(4):293-295. (co-first author).

27. Jhun BW, Yang B, Moon SM, Lee H, Park HY, Jeon K, Kwon OJ, Ahn J, Moon IJ, Shin SJ, Daley CL, Koh WJ. Amikacin inhalation as salvage therapy for refractory nontuberculous mycobacterial lung disease. *Antimicrob Agents Chemother*. 2018 Jun 26;62(7). pii: e00011-18.

28. Yang B, Jhun BW, Shin SH, Jeong BH, Um SW, Zo JI, Lee HY, Sohn I, Kim H, Kwon OJ, Lee K. Comparison of four models predicting the malignancy of pulmonary nodules: A single-center study of Korean adults. *PLoS One*. 2018 Jul 31;13(7):e0201242. (co-first author).

29. Jhun BW, Sim YS, Shin TR, Kim DG. The utility of delta neutrophil index in differentiation of pulmonary tuberculosis from community acquired pneumonia. *Sci Rep*. 2018 Aug 17;8(1):12343. (corresponding author).

30. Kim SY, Jhun BW, Moon SM, Shin SH, Jeon K, Kwon OJ, Yoo IY, Huh HJ, Ki CS, Lee NY, Shin SJ, Daley CL, Suh GY, Koh WJ. Mutations in *gyrA* and *gyrB* in moxifloxacin-resistant *Mycobacterium avium* complex and *Mycobacterium abscessus* complex clinical isolates. *Antimicrob Agents Chemother*. 2018 Aug 27;62(9). pii: e00527-18. (co-first author).

31. Shin SH, Jhun BW, Kim SY, Choe J, Jeon K, Huh HJ, Ki CS, Lee NY, Shin SJ, Daley CL, Koh WJ. Nontuberculous mycobacterial lung diseases caused by mixed infection with *Mycobacterium avium* complex and *Mycobacterium abscessus* complex. *Antimicrob Agents Chemother*. 2018 Sep 24;62(10). pii: e01105-18. (co-first author).

32. Huh HJ, Jhun BW, Choi SR, Kim YJ, Yun SA, Nham E, Kong T, Ki CS, Koh WJ. Bronchiectasis and recurrent respiratory infections with a De Novo STAT1 gain-of-function variant: first case in Korea. *Yonsei Med J*. 2018 Oct;59(8):1004-1007. (co-first author).

33. Lee H, Myung W, Jeong BH, Choi H, Jhun BW, Kim H. Short- and long-term exposure to ambient air pollution and circulating biomarkers of inflammation in non-smokers: A hospital-based cohort study in South Korea. *Environ Int*. 2018 Oct;119:264-273. (corresponding author).

34. Jhun BW, Kim SY, Moon SM, Jeon K, Kwon OJ, Huh HJ, Ki CS, Lee NY, Shin SJ, Daley CL, Koh WJ. Development of macrolide resistance and reinfection in refractory *Mycobacterium avium* complex lung disease. *Am J Respir Crit Care Med*. 2018 Nov 15;198(10):1322-1330.

35. Choi JY, Jhun BW, Hyun SH, Chung MJ, Koh WJ. 18F-fluorodeoxyglucose positron emission tomography/computed tomography for assessing treatment response of pulmonary multidrug-resistant tuberculosis. *J Clin Med*. 2018 Dec 17;7(12). (co-first author).

36. Lee H, Myung W, Koh WJ, Moon SM, Jhun BW. Epidemiology of nontuberculous mycobacterial infection, South Korea, 2007-2016. *Emerg Infect Dis*. 2019 Mar;25(3):569-572.(corresponding author).

37. Kim SY, Jhun BW, Moon SM, Jeon K, Kwon OJ, Huh HJ, Lee NY, Shin SJ, Daley CL, Koh WJ. Genetic mutations in linezolid-resistant *Mycobacterium avium* complex and *Mycobacterium abscessus* clinical isolates. *Diagn Microbiol Infect Dis*. 2019 May;94(1):38-40. (co-first author).

38. Kim DH, Jhun BW, Moon SM, Kim SY, Jeon K, Kwon OJ, Huh HJ, Lee NY, Shin SJ, Daley CL, Koh WJ. In vitro activity of bedaquiline and delamanid against nontuberculous mycobacteria, including macrolide-resistant clinical isolates. *Antimicrob Agents Chemother*. 2019 Jul 25;63(8). (co-first author).

39. Choi Y, Jhun BW, Kim J, Huh HJ, Lee NY. Clinical characteristics and outcomes of surgically resected solitary pulmonary nodules due to nontuberculous mycobacterial infections. *J Clin Med*. 2019 Nov



7;8(11):1898 (corresponding author).

40. Moon SM, Yoo IY, Huh HJ, Lee NY, Jhun BW. Intermittent treatment with azithromycin and ethambutol for non-cavitary Mycobacterium avium complex pulmonary disease. *Antimicrob Agents Chemother.* 2019 Dec 20;64(1):e01787-19.

41. Im Y, Lee J, Kim SJ, Koh WJ, Jhun BW, Lee SH. Development of tuberculosis in cancer patients receiving immune checkpoint inhibitors. *Respir Med.* 2020 Jan;161:105853. (co-corresponding author).

42. Jhun BW, Moon SM, Jeon K, Kwon OJ, Yoo H, Carriere KC, Huh HJ, Lee NY, Shin SJ, Daley CL, Koh WJ. Prognostic factors associated with long-term mortality in 1445 patients with nontuberculous mycobacterial pulmonary disease: a 15-year follow-up study. *Eur Respir J.* 2020;55(1):1900798

43. Han SA, Jhun BW, Kim SY, Moon SM, Yang B, Kwon OJ, Daley CL, Shin SJ, Koh WJ. miRNA expression profiles and potential as biomarkers in nontuberculous mycobacterial pulmonary disease. *Sci Rep.* 2020;10(1):3178. (corresponding author).

44. Han SA, Ko Y, Shin SJ, Jhun BW. Characteristics of circulating CD4+ T cell subsets in patients with mycobacterium avium complex pulmonary disease. *J Clin Med.* 2020;9(5):1331

45. Kang N, Park J, Jhun BW. Clinical characteristics and treatment outcomes of pathologically confirmed aspergillus nodules. *J Clin Med.* 2020 Jul 10;9(7):2185.

46. Kim BG, Kim H, Kwon OJ, Huh HJ, Lee NY, Baek SY, Sohn I, Jhun BW. Outcomes of inhaled amikacin and clofazimine-containing regimens for treatment of refractory mycobacterium avium complex pulmonary disease. *J Clin Med.* 2020;9(9):2968.(corresponding author).

47. Kim HJ, Kwak N, Hong H, Kang N, Im Y, Jhun BW, Yim JJ. BACES Score for Predicting Mortality in Nontuberculous Mycobacterial Pulmonary Disease. *Am J Respir Crit Care Med.* 2021 Jan 15;203(2):230-236. (co-senior authorship).

48. Kim HJ, Kim IS, Lee SG, Kim YJ, Silwal P, Kim JY, Kim JK, Seo W, Chung C, Cho HK, Huh HJ, Shim SC, Park C, Jhun BW, Jo EK. MiR-144-3p is associated with pathological inflammation in patients infected with Mycobacteroides abscessus. *Exp Mol Med.* 2021 Jan;53(1):136-149. (co-corresponding author).

49. Kim SY, Kim DH, Moon SM, Song JY, Huh HJ, Lee NY, Shin SJ, Koh WJ, Jhun BW. Association between 16S rRNA gene mutations and susceptibility to amikacin in Mycobacterium avium complex and Mycobacterium abscessus clinical isolates. *Sci Rep.* 2021 Mar 17;11(1):6108. doi: 10.1038/s41598-021-85721-5. (corresponding author).

50. Jung J, Jhun BW, Jeong M, Yoon SJ, Huh HJ, Jung CW, Kim K, Park JB, Kim DJ, Huh W, Jang HR, Kim YH, Hong SN, Chung DR, Kang ES. Is the New Interferon-Gamma Releasing Assay Beneficial for the Diagnosis of Latent and Active Mycobacterium tuberculosis Infections in Tertiary Care Setting? *J Clin Med.* 2021 Mar 29;10(7):1376. (co-first author).

51. Lee H, Myung W, Lee EM, Kim H, Jhun BW. Mortality and prognostic factors of nontuberculous mycobacterial infection in Korea: A population-based comparative study. *Clin Infect Dis.* 2021 May 18;72(10):e610-e619. (corresponding author).

52. Kim DH, Kim SY, Koh WJ, Jhun BW. In Vitro Activity of Oxazolidinone against Nontuberculous Mycobacteria, Including Macrolide-Resistant Clinical Isolates. *Antimicrob Agents Chemother.* 2021 Jun 17;65(7):e0230620. (corresponding author).

##. Kang N, Jeon K, Kim H, Kwon OJ, Huh HJ, Lee NY, Daley CL, Koh WJ, Jhun BW. Outcomes of inhaled amikacin-containing multidrug regimens for Mycobacterium abscessus pulmonary disease. *Chest.* 2021 Feb 20:S0012-3692(21)00290-7. Online ahead of print. (corresponding author).

##. Kim DH, Kim SY, Huh HJ, Lee NY, Koh WJ, Jhun BW. In vitro activity of rifamycin derivatives against nontuberculous mycobacteria, including macrolide-/amikacin-resistant clinical isolates. *Antimicrob Agents Chemother.* 2021 Mar 8:AAC.02611-2. Online ahead of print. (corresponding author).



Publications in SCI(E) journals: as the co-author

1. Han SG, Yoo H, Jhun BW, Park HY, Suh GY, Chung MP, Kim H, Kwon OJ, Han J, Um SW. The role of endobronchial ultrasound-guided transbronchial needle aspiration in the diagnosis of recurrent non-small cell lung cancer after surgery. *Intern Med.* 2013 Sep 1;52(17):1875-1881.
2. Moon SM, Park HY, Kim SY, Jhun BW, Lee H, Jeon K, Kim DH, Huh HJ, Ki CS, Lee NY, Kim HK, Choi YS, Kim J, Lee SH, Kim CK, Shin SJ, Daley CL, Koh WJ. Clinical characteristics, treatment outcomes, and resistance mutations associated with macrolide-resistant *Mycobacterium avium* complex lung disease. *Antimicrob Agents Chemother.* 2016 Oct 21;60(11):6758-6765.
3. Choi H, Chon HR, Kim K, Kim S, Oh KJ, Jeong SH, Jung WJ, Shin B, Jhun BW, Lee H, Park HY, Koh WJ. Clinical and laboratory differences between lymphocyte- and neutrophil-predominant pleural tuberculosis. *PLoS One.* 2016 Oct 27;11(10):e0165428.
4. Moon SM, Kim SY, Jhun BW, Lee H, Park HY, Jeon K, Huh HJ, Ki CS, Lee NY, Shin SJ, Koh WJ. Clinical characteristics and treatment outcomes of pulmonary disease caused by *Mycobacterium chimaera*. *Diagn Microbiol Infect Dis.* 2016 Dec;86(4):382-384.
5. Kim HI, Kim TH, Kim H, Kim YN, Jang HW, Chung JH, Moon SM, Jhun BW, Lee H, Koh WJ, Kim SW. Effect of rifampin on thyroid function test in patients on levothyroxine medication. *PLoS One.* 2017 Jan 12;12(1):e0169775.
6. Choi H, Kim SY, Lee H, Jhun BW, Park HY, Jeon K, Kim DH, Huh HJ, Ki CS, Lee NY, Lee SH, Shin SJ, Daley CL, Koh WJ. Clinical characteristics and treatment outcomes of patients with macrolide-resistant *Mycobacterium massiliense* lung disease. *Antimicrob Agents Chemother.* 2017 Jan 24;61(2). pii: e02189-16.
7. Koh WJ, Jeong BH, Kim SY, Jeon K, Park KU, Jhun BW, Lee H, Park HY, Kim DH, Huh HJ, Ki CS, Lee NY, Kim HK, Choi YS, Kim J, Lee SH, Kim CK, Shin SJ, Daley CL, Kim H, Kwon OJ. Mycobacterial characteristics and treatment outcomes in *Mycobacterium abscessus* lung disease. *Clin Infect Dis.* 2017 Feb 1;64(3):309-316.
8. Lee H, Sohn YM, Ko JY, Lee SY, Jhun BW, Park HY, Jeon K, Kim DH, Kim SY, Choi JE, Moon IJ, Shin SJ, Park HJ, Koh WJ. Once-daily dosing of amikacin for treatment of *Mycobacterium abscessus* lung disease. *Int J Tuberc Lung Dis.* 2017 Jul 1;21(7):818-824.
9. Ko Y, Song J, Lee SY, Moon JW, Mo EK, Park JY, Kim JH, Park S, Hwang YI, Jang SH, Jhun BW, Sim YS, Shin TR, Kim DG, Hong JY, Lee CY, Lee MG, Kim CH, Hyun IG, Park YB. Does repeated pleural culture increase the diagnostic yield of *Mycobacterium tuberculosis* from tuberculous pleural effusion in HIV-negative individuals? *PLoS One.* 2017 Jul 27;12(7):e0181798.
10. Koh WJ, Moon SM, Kim SY, Woo MA, Kim S, Jhun BW, Park HY, Jeon K, Huh HJ, Ki CS, Lee NY, Chung MJ, Lee KS, Shin SJ, Daley CL, Kim H, Kwon OJ. Outcomes of *Mycobacterium avium* complex lung disease based on clinical phenotype. *Eur Respir J.* 2017 Sep 27;50(3). pii: 1602503.
11. Ko RE, Moon SM, Ahn S, Jhun BW, Jeon K, Kwon OJ, Huh HJ, Ki CS, Lee NY, Koh WJ. Changing epidemiology of nontuberculous mycobacterial lung diseases in a tertiary referral hospital in Korea between 2001 and 2015. *J Korean Med Sci.* 2018 Feb 19;33(8):e65.
12. Yoo IY, Huh HJ, Kang OK, Jhun BW, Koh WJ, Lee NY. Advantages of the AdvanSure MDR-TB GenoBlot assay containing disputed *rpoB* mutation-specific probes in a routine clinical laboratory setting. *Respir Med.* 2019 Jan;146:71-75.
13. Cho EH, Huh HJ, Song DJ, Lee SH, Kim CK, Shin SY, Ki CS, Jhun BW, Moon SM, Kwon OJ, Koh WJ, Lee NY. Drug susceptibility patterns of *Mycobacterium abscessus* and *Mycobacterium massiliense* isolated from respiratory specimens. *Diagn Microbiol Infect Dis.* 2019 Feb;93(2):107-111.
14. Moon SM, Choe J, Jhun BW, Jeon K, Kwon OJ, Huh HJ, Lee NY, Daley CL, Koh WJ. Treatment with a macrolide-containing regimen for *Mycobacterium kansasii* pulmonary disease. *Respir Med.* 2019 Mar;148:37-42.
15. Huh K, Kim I, Jung J, Lee JE, Jhun BW, Gu SH, Song DH, Lee EY, Jeong HJ, Yoo H. Prolonged shedding of type 55 human adenovirus in immunocompetent adults with adenoviral respiratory infections. *Eur J Clin*



Microbiol Infect Dis. 2019 Apr;38(4):793-800.

16. Moon SM, Jhun BW, Baek SY, Kim S, Jeon K, Ko RE, Shin SH, Lee H, Kwon OJ, Huh HJ, Ki CS, Lee NY, Chung MJ, Lee KS, Shin SJ, Daley CL, Koh WJ. Long-term natural history of non-cavitary nodular bronchiectatic nontuberculous mycobacterial pulmonary disease. *Respir Med*. 2019 May;151:1-7.
17. Moon SM, Jhun BW, Daley CL, Koh WJ. Unresolved issues in treatment outcome definitions for nontuberculous mycobacterial pulmonary disease. *Eur Respir J*. 2019 May 23;53(5). pii: 1801636.
18. Kim SY, Moon SM, Jhun BW, Kwon OJ, Huh HJ, Lee NY, Lee SH, Shin SJ, Kasperbauer SH, Huitt GA, Daley CL, Koh WJ. Species distribution and macrolide susceptibility of *Mycobacterium fortuitum* complex clinical isolates. *Antimicrob Agents Chemother*. 2019 May 24;63(6). pii: e02331-18.
19. Kwak N, Dalcolmo MP, Daley CL, Eather G, Gayoso R, Hasegawa N, Jhun BW, Koh WJ, Namkoong H, Park J, Thomson R, van Ingen J, Zweijpfenning SMH, Yim JJ. *Mycobacterium abscessus* pulmonary disease: individual patient data meta-analysis. *Eur Respir J*. 2019 Jul 11;54(1). pii: 1801991.
20. Huh HJ, Kim SY, Shim HJ, Kim DH, Yoo IY, Kang OK, Ki CS, Shin SY, Jhun BW, Shin SJ, Daley CL, Koh WJ, Lee NY. GenoType NTM-DR performance evaluation for identification of *Mycobacterium avium* complex and *Mycobacterium abscessus* and determination of clarithromycin and amikacin resistance. *J Clin Microbiol*. 2019 Jul 26;57(8). pii: e00516-19.
21. Huh HJ, Kim SY, Jhun BW, Shin SJ, Koh WJ. Recent advances in molecular diagnostics and understanding mechanisms of drug resistance in nontuberculous mycobacterial diseases. *Infect Genet Evol*. 2019 Aug;72:169-182.
22. Yoon HJ, Chung MJ, Koh WJ, Jhun BW, Moon SM. Computed tomographic findings of macrolide-resistant *Mycobacterium massiliense* pulmonary disease and changes after antibiotic treatment. *Medicine (Baltimore)*. 2019 Sep;98(36):e16826.
23. Jung J, Yoo IY, Jhun BW, Koh WJ, Lee NY, Huh HJ. First isolation of *Mycobacterium virginense* from a human pulmonary specimen. *Ann Lab Med*. 2019 Nov;39(6):596-598.
24. Mok J, Kang H, Koh WJ, Jhun BW, Yim JJ, Kwak N, Lee T, Kang B, Jeon D. Final treatment outcomes of delamanid-containing regimens in patients with MDR-/XDR-TB in South Korea. *Eur Respir J* 2019;54(5):1900811.
25. Shin SH, Jeong BH, Jhun BW, Yoo H, Lee K, Kim H, Kwon OJ, Han J, Kim J, Lee KS, Um SW. The utility of endosonography for mediastinal staging of non-small cell lung cancer in patients with radiological N0 disease. *Lung Cancer*. 2020 Jan;139:151-156.
26. Lim JH, Choi JY, Im Y, Yoo H, Jhun BW, Jeong BH, Park HY, Lee K, Kim H, Kwon OJ, Han J, Ahn MJ, Kim J, Um SW. Prognostic value of SUVmax on 18F-fluorodeoxyglucose PET/CT scan in patients with malignant pleural mesothelioma. *PLoS One*. 2020 Feb 18;15(2):e0229299.
27. Shin S, Yoo IY, Shim HJ, Kang OK, Jhun BW, Koh WJ, Huh HJ, Lee NY. Diagnostic performance of the GENEDIA MTB/NTM detection kit for detecting *Mycobacterium tuberculosis* and nontuberculous mycobacteria with sputum specimens. *Ann Lab Med*. 2020 Mar;40(2):169-173.
28. Ko JH, Lim JU, Choi JY, Oh HS, Yoo H, Jhun BW, Huh K, Peck KR. Early cidofovir administration might be associated with a lower probability of respiratory failure in treating human adenovirus pneumonia: a retrospective cohort study. *Clin Microbiol Infect*. 2020 May;26(5):646.e9-646.e14.
29. Ko RE, Jeong BH, Huh HJ, Lee NY, Yoo H, Jhun BW, Han J, Lee K, Kim H, Kwon OJ, Um SW. Clinical usefulness of fungal culture of EBUS-TBNA needle rinse fluid and core tissue. *Yonsei Med J*. 2020 Aug;61(8):670-678.
30. Lee JM, Park J, Choi S, Jhun BW, Kim SY, Jo KW, Hong JJ, Kim LH, Shin SJ. A clofazimine-containing regimen confers improved treatment outcomes in macrophages and in a murine model of chronic progressive pulmonary infection caused by the *Mycobacterium avium* complex. *Front Microbiol*. 2021 Jan 14;11:62621.
31. Cho EH, Ki CS, Yun SA, Kim SY, Jhun BW, Koh WJ, Huh HJ, Lee NY. Genetic analysis of Korean adult patients with nontuberculous mycobacteria suspected of primary ciliary dyskinesia using whole exome sequencing. *Yonsei Med J*. 2021 Mar;62(3):224-230.
32. Park YE, Kim HJ, Jhun BW, Park Y, Park J, Kwak N, Yim JJ, Shim TS, Kang YA, Jo KW. Prediction of 1-year treatment outcome using the early sputum culture



conversion status in Mycobacterium abscessus pulmonary disease. *J Glob Antimicrob Resist.* 2021 Jun;25:117-118.

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##. Namkoong H, Omae Y, Asakura T, Ishii M, Suzuki S, Morimoto K, Kawai Y, Emoto K, Oler AJ, Szymanski EP, Yoshida M, Matsuda S, Yagi K, Hase I, Nishimura T, Sasaki Y, Asami T, Shiomi T, Matsubara H, Shimada H, Hamamoto J, Jhun BW, Kim SY, Huh HJ, Won HH, Ato M, Kosaki K, Betsuyaku T, Fukunaga K, Kurashima A, Tettelin H, Yanai H, Mahasirimongkol S, Olivier KN, Hoshino Y, Koh WJ, Holland SM, Tokunaga K, Hasegawa N. Genome-wide association study in patients with pulmonary Mycobacterium avium complex disease. *Eur Respir J.* 2021 Feb 4:1902269. doi: 10.1183/13993003.02269-2019. Online ahead of print.

