


Curriculum Vitae

	Name (First Name, Middle Name Last Name)	Ho-Su Lee
	Position	Assistant professor
	Affiliation	Department of Biochemistry and Molecular Biology, University of Ulsan College of Medicine
	Country	South Korea
	Major Field	IBD genetics

Education Background	
2001.3-2003.2	Pre-medicine Chungnam National University, Collage of Natural Sciences, Daejeon, Korea
2003.3-2007.2	M.D. Chungnam National University, Collage of Medicine, Daejeon, Korea
2011.3-2013.2	Postgraduate School (Master degree) University of Ulsan College of Medicine, Seoul, Korea
2015.3-2017.2	Postgraduate School (Ph.D. degree) University of Ulsan College of Medicine, Seoul, Korea
Professional Experience	
2007.2-2008.2	Medical Internship
2008.3-2012.2	Residency in Internal Medicine Department of Internal medicine, Asan Medical Center, Seoul, Korea
2012.3-2014.2	Clinical Fellowship in Gastroenterology Department of Gastroenterology, Asan Medical Center, Seoul, Korea
2013.11	Visiting Scholar Inflammatory Bowel Disease Center, University of Chicago Medicine, Chicago, IL (Host: David T. Rubin, MD, Ph.D.)
2014.3-2015.2	Research fellowship in Inflammatory Bowel Disease Center Asan Medical Center, Seoul, Korea
2015.3-2017.2	Clinical professor Health Screening and Promotion Center, Asan Medical Center, Seoul, Korea
2017.3-2017.8	Postdoctoral researcher Department of Biochemistry and Molecular Biology, University of Ulsan College of Medicine, Seoul, Korea (Supervisors: Suk-Kyun Yang, MD, Ph.D. and Kyuyoung Song, Ph.D.)
2017.9-	Assistant professor Department of Biochemistry and Molecular Biology, University of Ulsan College of Medicine, Seoul, Korea
2018.9-2020.8	Postdoctoral researcher Laboratory for Complex Genetics, Department of Human Genetics, KU Leuven, Belgium (Supervisors: Isabelle Cleynen, Ph.D. and Séverine Vermeire, MD, Ph.D.)
Professional Organizations	



Scientific Publication

1. **Lee HS***, Vancamelbeke M*, Verstockt S, Wilms T, Verstockt B, Sabino J, Ferrante M, Vermeire S, Cleynen I. Molecular Changes in the Non-Inflamed Terminal Ileum of Patients with Ulcerative Colitis. *Cells*. 2020;9(8):1793.
2. Song EM*, **Lee HS***, Kim YJ, Oh EH, Ham NS, Kim J, Hwang SW, Park SH, Yang DH, Ye BD, Byeon JS, Myung SJ, Lee JL, Yoon YS, Yu CS, Yang SK. Incidence and outcomes of perianal disease in an Asian population with Crohn's disease: A nationwide population-based study. *Dig Dis Sci*. 2020;65(4):1189-1196.
3. **Lee HS***, Kim K*, Jung S, Hong M, Kim BM, Yoo DS, Moon JW, Baek J, Hwang SW, Park SH, Yang SK, Han B, Song K, Ye BD. Effects of smoking on the association of human leukocyte antigen with ulcerative colitis. *J Gastroenterol Hepatol*. 2019;34(10):1777-1783.
4. Park SH*, Hong M*, **Lee HS***, Ye BD, Hwang SW, Jung S, Baek J, Moon JW, Kim BM, Oh SH, Kim KM, Lee I, Im CN, Liu J, McGovern DPB, Yang SK, Song K. Association of TRAP1 with Infliximab-Induced Mucosal Healing in Crohn's disease. *J Gastroenterol Hepatol*. 2019;34(12):2118-2125.
5. Jung KH*, Kim J*, **Lee HS***, Choi J, Jang SJ, Jung J, Kim MJ, Chong YP, Lee SO, Choi SH, Kim YS, Woo JH, Park SH, Yang DH, Ye BD, Yang SK, Kim SH. Clinical Implications of the CMV-Specific T-Cell Response and Local or Systemic CMV Viral Replication in Patients With Moderate to Severe Ulcerative Colitis. *Open Forum Infect Dis*. 2019;6(12):ofz526.
6. Song EM*, **Lee HS***, Kim YJ, Oh EH, Ham NS, Kim J, Hwang SW, Park SH, Yang DH, Ye BD, Byeon JS, Myung SJ, Yang SK. Incidence and clinical impact of perianal disease in patients with ulcerative colitis: A nationwide population-based study. *J Gastroenterol Hepatol*. 2019;34(6):1011-1017.
7. **Lee HS***, Yang SK*, Hong M, Jung S, Kim BM, Moon JW, Park SH, Ye BD, Oh SH, Kim KM, Yoon YS, Yu CS, Baek J, Lee CH, Han B, Liu J, Haritunians T, McGovern DPB, Song K. An intergenic variant rs9268877 between HLA-DRA and HLA-DRB contributes to the clinical course and long-term outcome of ulcerative colitis. *J Crohns Colitis*. 2018;12(9):1113-1121.
8. Chang K*, **Lee HS***, Kim YJ, Kim SO, Kim SH, Lee SH, Song EM, Hwang SW, Park SH, Yang DH, Ye BD, Byeon JS, Myung SJ, Yang SK. Increased Risk of Herpes Zoster in Patients with Inflammatory Bowel Disease in Korea. *Clin Gastroenterol Hepatol*. 2018;16(12):1928-1936.e2.
 Highlighted by an Accompanying Editorial: Caldera F, Farraye FA, Kane S.
 The Who and Why of Herpes Zoster Vaccination in Patients With Inflammatory Bowel Diseases. *Clin Gastroenterol Hepatol*. 2018;16(12):1872-1875.
9. **Lee HS***, Lee SB*, Kim BM, Hong M, Jung S, Hong J, Baek J, Han B, Oh SH, Kim KM, Park SH, Yang SK, Ye BD, Song K. Association of *CDKN2A/B* with inflammatory bowel disease in Koreans. *J Gastroenterol Hepatol*. 2018;33(4):887-893.
10. **Lee HS***, Oh H*, Yang SK*, Baek J, Jung S, Hong M, Kim KM, Shin HD, Kim KJ, Park SH, Ye BD, Han B, Song K. X chromosome-wide association study identifies a susceptibility locus for inflammatory bowel disease in Koreans. *J Crohns Colitis*. 2017;11(7):820-830.
11. **Lee HS**, Choe J, Kim SO, Lee SH, Lee HJ, Seo H, Kim GU, Seo M, Song EM, Hwang SW, Park SH, Yang DH, Kim KJ, Ye BD, Byeon JS, Myung SJ, Yoon YS, Yu CS, Kim JH, Yang SK. Overall and Cause-specific Mortality in Korean Patients with Inflammatory Bowel Disease: A Hospital-based Cohort Study. *J Gastroenterol Hepatol*. 2017;32(4):782-788.
12. Kim JW*, **Lee HS***, Ye BD, Yang SK, Hwang SW, Park SH, Yang DH, Kim KJ, Byeon JS, Myung SJ, Yoon YS, Yu CS, Kim JH. Incidence of and Risk Factors for Free Bowel Perforation in Patients with Crohn's Disease. *Dig Dis Sci*. 2017;62(6):1607-3512.
13. **Lee HS**, Park HW, Lee JS, Kim JC, Choe J, Soh JS, Lee S, Bae JH, Lee HJ, Yang DH, Myung SJ, Yang SK, Chang HS, Byeon JS. Treatment Outcomes and Recurrence Following Standard Cold Forceps Polypectomy for Diminutive polyps. *Surg Endosc*. 2017;31(1):159-169.
14. **Lee HS**, Park SH, Kim SH, Kim J, Choi J, Lee HJ, Kim WS, Lee JM, Kwak MS, Hwang SW, Yang DH, Kim KJ, Ye BD, Byeon JS, Myung SJ, Yoon YS, Yu CS, Kim JH, Yang SK. Risk Factors and Clinical Outcomes Associated with Cytomegalovirus Colitis in Patients with Acute Severe Ulcerative Colitis. *Inflamm Bowel Dis*. 2016;22(4):912-918.
15. **Lee HS**, Choe J, Lee HJ, Hwang SW, Park SH, Yang DH, Kim KJ, Ye BD, Byeon JS, Myung SJ, Yoon YS, Yu CS, Kim JH, Yang SK. Change in the diagnosis of inflammatory bowel disease: a hospital-based cohort study from Korea. *Intest Res*. 2016;14(3):258-263.

16. **Lee HS***, Park SH*, Yang SK, Lee J, Soh JS, Lee S, Bae JH, Lee HJ, Yang DH, Kim KJ, Yea BD, Byeon JS, Myung SJ, Yoon YS, Yu CS, Kim JH. Long-term prognosis of ulcerative colitis and its temporal change between 1977 and 2013: a hospital-based cohort study from Korea. *J Crohns Colitis*. 2015;9(2):147-155.
17. **Lee HS**, Yang SK, Soh JS, Lee S, Bae JH, Lee HJ, Park SH, Yang DH, Kim KJ, Ye BD, Byeon JS, Myung SJ, Yoon YS, Yu CS, Kim JH. Short- and Long-Term Outcomes of Acute Severe Ulcerative Colitis in Korea: The 1999–2005 Cohort. *Inflamm Bowel Dis*. 2015;21(8):1825-1831.
18. **Lee HS***, Park SH*, Yang SK, Kim SO, Soh JS, Lee S, Bae JH, Lee HJ, Yang DH, Kim KJ, Ye BD, Byeon JS, Myung SJ, Kim JH. Appendectomy and the clinical course of ulcerative colitis: A retrospective cohort study and a nested case-control study from Korea. *J Gastroenterol Hepatol*. 2015;30(3):470-477.
19. **Lee HS***, Park SH*, Yang SK, Ye BD, Kim JH, Kim SO, Soh JS, Lee S, Bae JH, Lee HJ, Yang DH, Kim KJ, Byeon JS, Myung SJ, Yoon YS, Yu CS, Kim JH. The risk of colorectal cancer in inflammatory bowel disease: a hospital-based cohort study from Korea. *Scand J Gastroenterol*. 2015;50(2):188-196.
20. **Lee HS**, Jo KW, Shim TS, Song JW, Lee HJ, Hwang SW, Park SH, Yang DH, Kim KJ, Ye BD, Byeon JS, Myung SJ, Kim JH, Yang SK. Six cases of lung injury following anti-tumor necrosis factor therapy for inflammatory bowel disease. *J Crohns Colitis*. 2015;9(11):1053-1057.
21. **Lee HS**, Soh JS, Lee S, Bae JH, Kim KJ, Ye BD, Byeon JS, Myung SJ, Yang SK, Kim SA, Park YS, Lim SB, Kim JC, Yu CS, Yang DH. Clinical Features and Prognosis of Resectable Primary Colorectal Signet-Ring Cell Carcinoma. *Intest Res*. 2015;13(4): 332-338.
22. **Lee HS**, Yoo DJ, Park HW, Yang DH, Myung SJ, Yang SK, Lee SG, Byeon JS. Is a stricter colonoscopy screening protocol necessary in liver transplant recipients? Comparison with an average-risk population. *Dis Colon Rectum*. 2014;57(8):976-982.
23. **Lee HS**, Cho YW, Kim KJ, Lee JS, Lee SS, Yang SK. A simple score for predicting mortality in patients with pneumatosis intestinalis. *Eur J Radiol*. 2014;83(4):639-645.
24. **Lee HS**, Lee SK, Park DH, Lee SS, Seo DW, Kim MH, Chong YP. Emergence of multidrug resistant infection in patients with severe acute pancreatitis. *Pancreatology*. 2014;14(6):450-453.

Honors & Awards

1. 2007 Certificate of Commendation: Korean Medical Association (summa cum laude)
2. 2008 Award of Excellence: Second Grade Residency of the Year
3. 2009 Award of Excellence: Third Grade Residency of the Year
4. 2013 Travel Grant Award: 1st Annual meeting of Asian Organization for Crohn`s and Colitis
5. 2014 Best Abstract: Annual Spring Symposium, Korean Association for the Study of Intestinal Diseases
6. 2014 Young Investigator Award: 2nd Annual meeting of Asian Organization for Crohn`s and Colitis
7. 2014 Best Abstract: 2nd Annual meeting of Asian Organization for Crohn`s and Colitis
8. 2015 Best Abstract: 3rd Annual meeting of Asian Organization for Crohn`s and Colitis
9. 2017 Ferring Award: Korean Association for the Study of Intestinal Diseases
10. 2017 Young Investigator Award: 5th Annual meeting of Asian Organization for Crohn`s and Colitis
11. 2020 Janssen Investigator Award: 8th Annual meeting of Asian Organization for Crohn`s and Colitis