

Curriculum Vitae

*** Within 3 pages**

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	Country	Republic of Korea
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Educational Background

2005.03–2011.02 M.D., College of Medicine,
The Catholic University of Korea, Seoul, Korea
 2013.03–2016.02 M.S., Graduate School of Medicine,
The Catholic University of Korea, Seoul, Korea
 2016.03–2020.02 Ph.D., Graduate School of Medical Science and Engineering,
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea

Professional Career

Seoul St. Mary's Hospital, The Catholic University of Korea, Seoul, Korea
 2025.03–Present Assistant Professor, Gastroenterology and Hepatology
 2022.03–2025.02 Clinical Assistant Professor, Gastroenterology and Hepatology
 2020.03–2022.02 Clinical Fellow, Gastroenterology and Hepatology
 2012.03–2016.02 Resident, Internal Medicine
 2011.03–2012.02 Intern, Catholic Medical Center,

Research Field

Hepatocellular carcinoma and cancer immunotherapy; artificial intelligence and machine learning in hepatology; liver immunology, noninvasive assessment of liver fibrosis.



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

Selected publications as a first or corresponding author

1. Han JW, et al. Optimal Duration of Endoscopic Biliary Stenting After Living Donor Liver Transplantation: A Multicenter Retrospective Cohort Study Using Machine Learning–Based Risk Stratification. *Int J Surg.* 2026. *Accepted.* [Han JW: first author]
2. Choi WM, Han JW, et al. KASL clinical practice guidelines for management of chronic hepatitis B. *Clin Mol Hepatol.* 2026. *Accepted.* [Han JW: co-first author]
3. Han JW, et al. Machine Learning Based Hepatic Safety Score Predicts Decompensation in Hepatocellular Carcinoma Systemic Therapy. *npj Digit Med.* 2026. *Accepted.* [Han JW: first and corresponding author]
4. Lee J, et al. Liver Stiffness Measured by Vibration-controlled Transient Elastography Predicts Hepatic Decompensation in Patients with Hepatocellular Carcinoma Receiving Systemic Treatments. *Liver Cancer.* 2026. doi: 10.1159/000550440. *Online ahead of print.* [Han JW: corresponding author]
5. Yang K, Lee J, Jang JW, Sung PS, Han JW. Evaluating the Clinical Utility of Large Language Models for Hepatocellular Carcinoma Treatment Recommendations: A Nationwide Retrospective Registry Study. *PLoS Med.* 2026;23(1):e1004855. [Han JW: corresponding author]
6. Kim HU, Han JW, et al. Machine Learning–Based Selection of Resection vs Transplant and Survival in Hepatocellular Carcinoma. *JAMA Netw Open.* 2025;8(9):e2532353. [Han JW: corresponding author]
7. Han JW, et al. Dynamic peripheral T-cell analysis identifies on-treatment prognostic biomarkers of atezolizumab plus bevacizumab in hepatocellular carcinoma. *Liver Cancer.* 2025;14(1):104-116. [Han JW: co-first author]
8. Kim MN, Han JW, et al. KASL Clinical Practice Guidelines for Noninvasive Tests to Assess Liver Fibrosis in Chronic Liver Disease. *Clin Mol Hepatol.* 2024;30(Suppl):S5-S105. [Han JW: co-first author]
9. Kim MN, et al. Vibration-controlled transient elastography for significant fibrosis in treatment-naïve chronic hepatitis B patients: A systematic review and meta-analysis. *Clin Mol Hepatol.* 2024;30(Suppl):S106-S116. [Han JW: co-corresponding author]
10. Han JW, et al. Diagnostic accuracy of the Fibrosis-4 index for advanced liver fibrosis in nonalcoholic fatty liver disease with type 2 diabetes: A systematic review and meta-analysis. *Clin Mol Hepatol.* 2024;30(Suppl):S147-S158. [Han JW: co-first author]



11. Yu JH, Han JW, et al. Assessment of the postoperative prognosis in patients with hepatocellular carcinoma using vibration-controlled transient elastography: A systemic review and meta-analysis. *Clin Mol Hepatol.* 2024;30(Suppl). [Han JW: co-first author]
12. An J, et al. Diagnostic accuracy of vibration-controlled transient elastography for staging liver fibrosis in autoimmune liver diseases: A systematic review and meta-analysis. *Clin Mol Hepatol.* 2024;30(Suppl). [Han JW: co-corresponding author]
13. Han JW, et al. A Machine Learning Algorithm Facilitates Prognosis Prediction and Treatment Selection for Barcelona Clinic Liver Cancer Stage C Hepatocellular Carcinoma. *Clin Cancer Res.* 2024;30(13):2812-2821. [Han JW: first author]
14. Han JW, et al. IFNL3-adjuvanted HCV DNA vaccine reduces regulatory T-cell frequency and increases virus-specific T-cell responses. *J Hepatol.* 2020;73(1):72-83. [Han JW: co-first author]
15. Han JW, et al. Early Reduction of Regulatory T Cells is Associated with Acute Rejection in Liver Transplantation Under Tacrolimus-based Immunosuppression With Basiliximab Induction. *Am J Transplant.* 2020;20(8):2058-2069. [Han JW: co-first author]
16. Kim JH, Han JW, et al. Functions of human liver CD69+CD103-CD8+ T cells depend on HIF-2 α activity in healthy and pathologic livers. *J Hepatol.* 2020;72(6):1170-1181. [Han JW: co-first author]

