

Seoul International Digestive Disease Symposium 2025

In Conjunction with the Annual Meeting of the Korean Society of Gastroenterology

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SIDDS 2025

Frontiers in Digestive Research and Practice

Name	Moon Haeng Hur
Affiliation	Seoul National University Hospital
Country	South Korea
Major Field	Republic of Korea

Educational Background

2014.2. B.S., Department of Electrical Engineering and Computer Science, Seoul National University

2018.2. M.D., College of Medicine, Seoul National University

2024.2. Ph.D., College of Medicine, Seoul National University

Professional Experience

2019-2022 Residency, Department of Internal Medicine, Seoul National University Hospital

2022-2023 Fellowship, Department of Gastroenterology, Seoul National University Hospital

2023- Clinical Assistant Professor, Department of Gastroenterology, Seoul National University Hospital

Main Scientific Publications

1. **Hur MH**, Yip TC, Kim SU, Lee HW, Lee HA, Lee HC, Wong GL, Wong VW, Park JY, Ahn SH, Kim BK, Kim HY, Seo YS, Shin H, Park J, Ko Y, Park Y, Lee YB, Yu SJ, Lee SH, Kim YJ, Yoon JH, Lee JH. A machine learning model to predict liver-related outcomes after the functional cure of chronic hepatitis B. **J Hepatol**. 2025 Feb;82(2):235-244.
2. Shin H, **Hur MH**, Song BG, Park SY, Kim GA, Choi G, Nam JY, Kim MA, Park Y, Ko Y, Park J, Lee HA, Chung SW, Choi NR, Park MK, Lee YB, Sinn DH, Kim SU, Kim HY, Kim JM, Park SJ, Lee HC, Lee DH, Chung JW, Kim YJ, Yoon JH, Lee JH. AI model using CT-based imaging biomarkers to predict hepatocellular carcinoma in patients with chronic hepatitis B. **J Hepatol**. 2024 Dec 20:S0168-8278(24)02784-3. **(co-first author)**
3. **Hur MH**, Park MK, Yip TC, Chen CH, Lee HC, Choi WM, Kim SU, Lim YS, Park SY, Wong GL, Sinn DH, Jin YJ, Kim SE, Peng CY, Shin HP, Chen CY, Kim HY, Lee HA, Seo YS, Jun DW, Yoon EL, Sohn JH, Ahn SB, Shim JJ, Jeong SW, Cho YK, Kim HS, Jang MJ, Kim YJ, Yoon JH, Lee JH. Personalized Antiviral Drug Selection in Patients With Chronic Hepatitis B Using a Machine Learning Model: A Multinational Study. **Am J Gastroenterol**. 2023 Nov 1;118(11):1963-1972.
4. **Hur MH**, Lee DH, Lee JH, Kim MS, Park J, Shin H, Chung SW, Cho HJ, Park MK, Jang H, Lee YB, Yu SJ, Lee SH, Jung YJ, Kim YJ, Yoon JH. Extrahepatic malignancies and antiviral drugs for chronic hepatitis B: A nationwide cohort study. **Clin Mol Hepatol**. 2024 Jul;30(3):500-514.
5. **Hur MH**, Song W, Cheon D, Chang Y, Cho YY, Lee YB, Yu SJ, Kim YJ, Yoon JH, Choi HJ, NamKoong C, Lee JH. Chemogenetic stimulation of the parasympathetic nervous system lowers hepatic lipid accumulation and inflammation in a nonalcoholic steatohepatitis mouse model. **Life Sci**. 2023 Feb 28;121533.