



Name	Yong Chan Lee
Affiliation	Yonsei University College of Medicine, Department of Internal Medicine
Country	Republic of Korea
Major Field	Microbiome, Helicobacter pylori, Endoscopic surgery, Chemoprevention

Educational Background

Dr. Yong Chan Lee obtained his M.D. degree in 1987 and Ph.D. degree from the Department Medicine, Yonsei University College of Medicine, Korea in 1998.

Professional Experience

Dr. Yong Chan Lee played as a visiting research professor at Department of Medicine and Infectious disease, New York University School of Medicine in the Dr. Martin J. Blaser's Lab from September 2000 to August 2002. He is currently the Chairman of Department of Internal Medicine, Yonsei University, College of Medicine. He is also the Chairman of the Korean Society of Gastroenterology since November, 2025, and past president of the Korean College of Helicobacter and Upper Gastrointestinal Research. He is the editor in chief of a SCIE Journal, Gut and Liver since 2025. Currently, Dr. Yong Chan Lee is a Professor in Department of Internal Medicine, College of Medicine, Yonsei University, since 2008.

Main Scientific Publications

Application of an organoid-based model to explore *Helicobacter pylori*-human gastric epithelium interaction *in vitro*. Yu BM, Lee SD, Hwang BR, Kim JS, Yu S, Nam KT, Lee YC. Front Cell Infect Microbiol. 2025 May 15;15:1572244.

Endoscopically injectable and self-cross linkable hydrogel-mediated stem cell transplantation for alleviating esophageal stricture after endoscopic submucosal dissection. Chung H An S Han SY Jeon J Cho S Lee YC. Bioengineering & Translational Medicine 2023 Apr 18;8(3):e10521.

Helicobacter pylori promotes epithelial-to-mesenchymal transition by downregulating CK2 β in gastric cancer cells. Lee SD, Jeong H, Hwang BR, Yu BM, Cho Y, Nam KT, Kim H, Lee YC. Biochim Biophys Acta Mol Basis Dis. 2022 Oct 29;1869(1):166588.

Human gastric microbiota transplantation recapitulates premalignant lesions in germ-free mice. Kwon SK, Park JC, Kim KH, Yoon J, Cho Y, Lee B, Lee JJ, Jeong H, Oh Y, Kim SH, Lee SD, Hwang BR, Chung Y, Kim JF, Nam KT, Lee YC. Gut. 2022 Jul;71(7):1266-1276.



Triple Therapy-Based on Tegoprazan, a New Potassium-Competitive Acid Blocker, for First-Line Treatment of *Helicobacter pylori* Infection: A Randomized, Double-Blind, Phase III, Clinical Trial. Choi YJ, Lee YC, Kim JM, Kim JI, Moon JS, Lim YJ, Baik GH, Son BK, Lee HL, Kim KO, Kim N, Ko KH, Jung HK, Shim KN, Chun HJ, Kim BW, Lee H, Kim JH, Chung H, Kim SG, Jang JY. Gut Liver. 2022 Jul 15;16(4):535-546.

Single-cell analysis of gastric pre-cancerous and cancer lesions reveals cell lineage diversity and intratumoral heterogeneity. Kim J, Park C, Kim KH, Kim EH, Kim H, Woo JK, Seong JK, Nam KT, Lee YC, Cho SY. NPJ Precis Oncol. 2022 Jan 27;6(1):9.

Evidence-Based Guidelines for the Treatment of *Helicobacter pylori* Infection in Korea 2020. Hye-Kyung Jung, Seung Joo Kang, Yong Chan Lee, Hyo-Joon Yang, Seon-Young Park, Cheol Min Shin, Sung Eun Kim, Hyun Chul Lim, Jie-Hyun Kim, Su Youn Nam, Woon Geon Shin, Jae Myung Park, Il Ju Choi, Jae Gyu Kim, Miyoung Choi; Korean College of *Helicobacter* and Upper Gastrointestinal Research. Gut Liver. 2021 Mar 15;15(2):168-195.

