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Major Field	AI-assisted Endoscopy, Gastric Cancer, Esophageal Cancer

Educational Background

MD, College of Medicine, Yonsei University, Seoul, Korea (2001)
 MSc, Graduate School of Medicine, Yonsei University, Seoul, Korea
 PhD, Graduate School of Medicine, Yonsei University, Seoul, Korea

Professional Experience

2013.3 – 2016.8 Clinical Assistant Professor, Yonsei University Severance Hospital, Seoul, Korea
 2016.9 – 2020.8 Assistant Professor, Seoul National University, Seoul, Korea
 2021.9 – 2023.2 Visiting Associate Professor, National University of Singapore, Singapore
 2020.9 – 2026.2 Associate Professor, Seoul National University, Seoul, Korea
 2026.3 – present Professor, Seoul National University College of Medicine, Seoul, Korea

Main Scientific Publications

- Huang KK, ..., Chung H, ..., Tan P. Mutational Signatures and Clonal Hematopoiesis in Intestinal Metaplasia across Countries with Varying Stomach Cancer Incidence. *Cancer Discov.* 2026;16(3):497-520.
- Lee YH, Park G, ..., Chung H. Artificial intelligence assistance improves endoscopist accuracy for gastric cancer dysplasia and intestinal metaplasia. *Sci Rep.* 2026 Mar 6
- Lee S, .. JK, Chung H. Evaluation of a new motorized endoscope versus conventional endoscopy: a single-center, single-blind, randomized controlled trial. *Sci Rep.* 2025 Dec 4;16(1):1405
- Huang KK, ..., Chung H, ..., Tan P. Spatiotemporal genomic profiling of intestinal metaplasia reveals clonal dynamics of gastric cancer progression. *Cancer Cell.* 2023;41(12):2019-2037.
- Chung H, An S..., Lee YC. Endoscopically injectable and self-crosslinkable hydrogel-mediated stem cell transplantation for alleviating esophageal stricture after ESD. *Bioeng Transl Med.* 2023;8(3):e10521.
- Choi M, Ahn BY.. Chung H. Comparison of Long-Term Outcomes between Curative and Non-Curative Resection after Endoscopic Submucosal Dissection for Superficial Esophageal Squamous Cell Carcinoma. *Gut Liver.* 2026 Jan 16.
- Soh H, ..., Chung H. Gastric mucosal swab as an alternative to biopsy for *Helicobacter pylori* detection. *Helicobacter.* 2023;28(3):e12980.