



Frontiers in Digestive Research and Practice

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Country	Republic of Korea
Major Field	Pancreatic cancer, Bile duct cancer, Cancer organoids, Chemoresistance and metastasis

Educational Background

2001.3 ~ 2007.2 Yonsei University College of Medicine, Korea

Professional Experience

2007.3~2008.2: Internship, Severance Hospital, Yonsei University College of Medicine
2011.3~2015.2: Residency Severance Hospital, Yonsei University College of Medicine
2015.3~2016.2: Fellowship, Severance Hospital, Yonsei University College of Medicine
2016.3~2018.2: Clinical research assistant professor, Severance Hospital, Yonsei University College of Medicine
2018.3~2023.2: Clinical assistant professor, Yonsei University College of Medicine
2019.6~2019.7: Wellcome Trust/Cancer Research UK Gurdon Institute, University of Cambridge
2022.9~2022.11: Indiana University, Gastroenterology department
2023.9~2024.8: KAIST, Graduate School of Medical Science and Engineering
2023.3~Present: Associate professor, Yonsei University College of Medicine
2024.7~Present: Adjunct Scholar, Team leader, Center for Genome Engineering, IBS

Main Scientific Publications

1. Ko YG, Jo JH, Song SY, Lee HS*. The crucial role of CEMIP in cancer metastasis: Mechanistic insights and clinical implications. *FASEB J* 2025;39:e70284.
2. Keum J, Lee HS*, Park CS, et al. Survival predictors in patients with pancreatic cancer on liposomal irinotecan plus fluorouracil/leucovorin: a multicenter observational study. *Ther Adv Med Oncol* 2024;16.
3. Lee HS*, Han DH, Cho K, Park SB, Kim C, Leem G, Jung DE, Kwon SS, Kim CH, Jo JH, Lee HW, Song SY, Park JY. Integrative analysis of multiple genomic data from intrahepatic cholangiocarcinoma organoids enables tumor subtyping. *Nat Commun.* 2023 Jan 16;14(1):237
4. Yoo HB, Moon JW, Kim HR, Lee HS*, Miyabayashi K, Park CH, Ge S, Zhang A, Tae YK, Sub Y, Park HW, Gee HY, Notta F, Tuveson DA, Bang S, Kim MY, Roe JS. A TEAD2-Driven Endothelial-Like Program Shapes Basal-Like Differentiation and Metastasis of Pancreatic Cancer. *Gastroenterology.* 2023 Jul;165(1):133-148.e17.
5. Lee HS*, Jung EH, Shin H, et al. Phenotypic characteristics of circulating tumor cells and predictive impact for efficacy of chemotherapy in patients with pancreatic cancer: a prospective study. *Front Oncol* 2023;13:1206565.
6. Lee HS*, Kim E, Lee J, et al. Profiling of conditionally reprogrammed cell lines for in vitro chemotherapy response prediction of pancreatic cancer. *EBioMedicine* 2021;65:103218.