

Curriculum Vitae

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Educational Background

Mar. 1996 - Feb.2003	Medical Degree, Yonsei University, College of Medicine
Mar. 2008 - Aug. 2014	Master degree of Medicine, Graduate School, Yonsei University
Sep. 2014- Feb.2017	Doctor of Philosophy, Graduate School, Yonsei University, Seoul, Korea

Professional Career

Mar. 2013- Feb. 2014	Clinical assistant professor, Gastroenterology, Gangnam Severance Hospital, Yonsei University
Mar. 2014- Feb. 2017	Assistant professor, Gastroenterology, Hallym University, Kangnam Sacred Heart Hospital
Mar. 2017- Feb. 2020	Assistant professor, Gastroenterology, Gangnam Severance Hospital, Yonsei University
Mar. 2020- Present	Associate Professor, Gastroenterology, Gangnam Severance Hospital, Yonsei University

Research Field

Development of medical device
 Dignosis and treatment of pancreatobiliary cancer

- Prediction of Prognosis in Pancreatic Cancer According to Methionyl-tRNA Synthetase 1 Expression as Determined by Immunohistochemical Staining Cancers 2023, 15, 5413
- Improved predictability of pancreatic ductal adenocarcinoma diagnosis using a blood immune cell biomarker panel developed from bulk mRNA sequencing and single-cell RNA-sequencing Cancer Immunology, Immunotherapy (2023) 72:2757–2768
- Development of a metabolite calculator for diagnosis of pancreatic cancer Cancer Medicine. 2023;00:1–12.
- Comparison of Interleukin-6, C-Reactive Protein, Procalcitonin, and the computed Tomography Severity Index for Early Prediction of Severity of Acute Pancreatitis Gut and Liver 2023;17:629-637
- Efficacy of a Newly Developed Guidewire for Selective Biliary Cannulation: A Multicenter Randomized Controlled Trial J. Clin. Med. 2023, 12, 3440.
- Efficacy analysis of hemostatic spray following endoscopic papillectomy: A multicenter comparative study Journal of Gastroenterology and Hepatology 37 (2022) 2138–2144
- Safety and Efficacy of Allogeneic Natural Killer Cells in Combination with Pembrolizumab in Patients with Chemotherapy-Refractory Biliary Tract Cancer: A Multicenter Open-Label Phase 1/2a Trial Cancers 2022, 14, 4229. <https://doi.org/10.3390/cancers14174229>
- Optimal reproduction of a porcine benign biliary stricture model using endobiliary radiofrequency ablation Scientific Reports 2022 Jul 14;12(1):12046
- Efficacy of Chenodeoxycholic Acid and Ursodeoxycholic Acid Treatments for Refractory Functional Dyspepsia J. Clin. Med. 2022, 11, 3190
- Safety and Efficacy of a Large-Bore Biliary Metallic Stent for Malignant Biliary Obstruction J. Clin. Med. 2022, 11, 3092
- Preclinical evaluation of endoscopic placement of a steroid-eluting metal stent in an in vivo porcine benign biliary stricture model Scientific Reports 2022;25;12(1):8864
- The role of Jagged1 as a dynamic switch of cancer cell plasticity in PDAC assembloids
- Identification and validation of IL-7R as a potential immunologic biomarker for human pancreatic ductal adenocarcinoma Cancers 2022, 14, 853
- Cancer-initiating cells in human pancreatic cancer organoids are maintained by interactions with endothelial cells Cancer Letters 498 (2021) 42–53
- Primary Needle-Knife Fistulotomy Versus Conventional Cannulation Method in a High-Risk Cohort of Post-Endoscopic Retrograde Cholangiopancreatography Pancreatitis. American journal of gastroenterology 2020;115;616-624
- New staining method using methionyl-tRNA synthetase 1 antibody for brushing cytology of bile duct cancer. Gastrointestinal Endoscopy 2020;92:310-9
- Efficacy of a paclitaxel-eluting biliary metal stent with sodium caprate in malignant biliary obstruction: a prospective randomized comparative study. Endoscopy 2019; 51: 843–851
- Treatment of completely obstructed benign biliary strictures with magnetic compression anastomosis: follow-up results after recanalization, Gastrointest Endosc, 2017;85;1057-66