# **Curriculum Vitae**

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## **Educational Background**

- -M.D.Degree, Korea University College of Medicine, 2003
- M.Sc.Degree, Korea University Graduate School, 2005-7
- Ph.D Degree, Korea University Graduate School, 2008-2010

#### **Professional Career**

- -Assistant Professor, Korea University College of Medicine, 2012-2016
- Associate Professor, Korea University College of Medicine, 2017-2022
- Assisstant Dean for Education, Korea University College of Medicine 2018-2020
- -Professor, Korea University College of Medicine, 2022-

### **Research Field**





Korean Society of Gastrointestinal Endoscopy Days 2023

Papers, Books, etc. presented or published by your name topic title, year, conference name or presenting books) 2021년

AHA1 regulates cell migration and invasion via the EMT pathway in colorectal adenocarcinomas (SCIENTIFIC REPORTS)

Endoscopic submucosal dissection using a detachable assistant robot: a comparative in vivo feasibility study (with video) (SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES)

Effect of histological examination on the diagnosis of pancreatic mass using endoscopic ultrasound fine-needle aspiration(ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE)

Feasibility and effectiveness of endoscopic irreversible electroporation for the upper gastrointestinal tract: an experimental animal study (SCIENTIFIC REPORTS)

Artificial intelligence-assisted analysis of endoscopic retrograde cholangiopancreatography image for identifying ampulla and difficulty of selective cannulation (SCIENTIFIC REPORTS)

Prediction of the histology of colorectal neoplasm in white light colonoscopic images using deep learning algorithms (SCIENTIFIC REPORTS)

Automated detection of colorectal tumors based on artificial intelligence (BMC MEDICAL INFORMATICS AND DECISION MAKING)

#### 2020년

Epidermal growth factor (EGF)-based activatable probe for predicting therapeutic outcome of an EGFbased doxorubicin prodrug (JOURNAL OF CONTROLLED RELEASE)

Higher risk of tuberculosis in combination therapy for inflammatory bowel disease A nationwide population-based cohort study in South Korea (MEDICINE)

How Should We Assign Large Infiltrative Hepatocellular Carcinomas for Staging? (CANCERS)

Genotype-based Treatment With Thiopurine Reduces Incidence of Myelosuppression in Patients With Inflammatory Bowel Diseases (CLINICAL GASTROENTEROLOGY AND HEPATOLOGY)

Minimally Invasive Gastric Electrical Stimulation Using a Newly Developed Wireless Gastrostimulator: A Pilot Animal Study(JOURNAL OF NEUROGASTROENTEROLOGY AND MOTILITY)

Nationwide validation study of diagnostic algorithms for inflammatory bowel disease in Korean National Health Insurance Service database (JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY)

Determinants of Spontaneous Preterm Labor and Birth Including Gastroesophageal Reflux Disease and Periodontitis(JOURNAL OF KOREAN MEDICAL SCIENCE)

Gene expression network analysis of lymph node involvement in colon cancer identifies AHSA2, CDK10, and CWC22 as possible prognostic markers (SCIENTIFIC REPORTS)

A Randomized, Endoscopist-Blinded, Prospective Trial to Compare the Efficacy and Patient Tolerability between Bowel Preparation Protocols Using Sodium Picosulfate Magnesium Citrate and Polyethylene-Glycol (1 L and 2 L) for Colonoscopy (GASTROENTEROLOGY RESEARCH AND PRACTICE)

Prevention and management of viral hepatitis in inflammatory bowel disease: a clinical practice guideline by the Korean Association for the Study of Intestinal Diseases (INTESTINAL RESEASE

