




Curriculum Vitae

* CV must be written in English

Personal Information	
Title (i.e. Pf., Dr., etc.)	Prof.
Name (First Name/ Middle Name /Last Name)	TAE IL / KIM
Degree (i.e. MD, MSc, PhD, etc.)	MD., PhD.
Country	Korea
Affiliation	Yonsei University College of Medicine
E-mail	taiilkim@yuhs.ac
	
Educational Background	
<p>1985 - 1991: Medical Degree, Yonsei University College of Medicine 1993 - 1995: Master course of Medical science, Graduate School, Yonsei University, Seoul, Korea 1995 – 2002: Ph. D. course of Medical science, Graduate School, Yonsei University, Seoul, Korea</p>	
Professional Career	
<p>2012.3.- Present: Professor of Internal Medicine, Division of Gastroenterology, Yonsei University College of Medicine, Korea 2014.5.- 2022.2.: Director of Yonsei Cancer Prevention Center, Yonsei Cancer Center, Severance Hospital 2018.12.- 2019.12: President of Korean Society of Cancer Prevention, Korea 2021.3.- 2023.2.: Director of Division of Gastroenterology, Director of Yonsei Institute of Gastroenterology, Director of Digestive Disease Center, Severance Hospital, Yonsei University College of Medicine, Korea 2023.4.- Present: President of KASID (Korean Association for the Study of Intestinal Diseases)</p>	
Research Field	
<p>Intestinal epithelial biology, Carcinogenesis of colon cancer, Cancer stem cell, Organoid, Intestinal stem cell and regeneration, Microenvironment, Chemoprevention, Familial and hereditary intestinal neoplasia, Prevention and treatment of colorectal neoplasia</p>	
Main Scientific Publications	
<p>Main Achievements (10 max)</p> <ol style="list-style-type: none"> 1. A Comprehensive Understanding of Post-Translational Modification of Sox2 via Acetylation and O-GlcNAcylation in Colorectal Cancer. Seo Y, Kim DK, Kim TI, et al. Cancers (Basel) 2024;16(5). 2. Effect of aging on the formation and growth of colonic epithelial organoids by changes in cell cycle arrest through TGF-β-Smad3 signaling. Jo MK, Moon CM, Kim TI, et al. Inflammation and Regeneration 2023;43(1): 35. 3. Tumor-Suppressive Effect of Metformin via the Regulation of M2 Macrophages and Myeloid-Derived Suppressor Cells in the Tumor Microenvironment of Colorectal Cancer. Kang J, Kim TI, et al. Cancers 2022;14(12):2881. 4. MRI assessment of glutamine uptake correlates with the distribution of glutamine transporters and cancer stem cell markers. Seo Y, Kim TI, et al. Scientific Reports 2022;12(1):5511. 5. Application of multigene panel testing in patients with high risk for hereditary colorectal cancer: a descriptive report on genotype-phenotype correlation. Park JS, Kim TI, et al. Diseases of the Colon & Rectum 2022;65(6):793-803. 6. Metformin and Niclosamide Synergistically Suppress Wnt and YAP in APC-Mutated Colorectal Cancer. Kang HE, Seo Y, Yun JS, et al. Cancers 2021; 13(14): 3437. 7. The Effect of Metformin in Treatment of Adenomas in Patients with Familial Adenomatous Polyposis. Park JJ, Kim BC, Hong SP, et al. Cancer Prevention Research 2021;14(5): 563-572. 8. IL-6 and IL-8, secreted by myofibroblasts in the tumor microenvironment, activate HES1 to expand the cancer stem cell population in early colorectal tumor. Kim B, Seo Y, Kwon J, et al. Molecular Carcinogenesis 2021;60(3): 188-200. 9. Metformin Suppresses Cancer Stem Cells through AMPK Activation and Inhibition of Protein Prenylation of the Mevalonate 	



Pathway in Colorectal Cancer. Seo Y, Kim J, Park SJ, et al. *Cancers* 2020;12(9): 2554.
10. Effects of metformin on colorectal cancer stem cells depend on alterations in glutamine metabolism. Kim JH, Lee KJ, Seo Y, et al. *Sci Rep* 2018;8:409.

- Please note that the above information will be used for the introduction of speakers for the IMKASID 2025 website and announcements. Also, it will be provided to the session chairpersons before your lecture.
- Please complete this form (no more than 2 pages) and return it to the IMKASID 2025 secretariat by email, info@imkasid.kr.