

## **CURRICULUM VITAE**

**NAME** Sowon Park, M.D., Ph.D

**POSITION** Clinical Assistant Professor, Severance Hospital  
Division of Pediatric Gastroenterology, Hepatology and Nutrition  
Department of Pediatrics, Severance Children's Hospital,  
Yonsei University Health System, Seoul, Korea

## **EDUCATION**

2004.3 – 2010.2 College of Medicine (Bachelor's Degree of Medical Science),  
Yonsei University  
2014.3 – 2023.2 College of Medicine (Master's Degree of Medical Science),  
Yonsei University

## **PROFESSIONAL TRAINING**

2010.3 – 2011.2 Internship, Severance Hospital  
2011. 3 – 2015.2 Residency, Severance Children's Hospital,  
Department of Pediatrics, Yonsei University College of Medicine  
2015. 5 – 2016. 2 Clinical Fellow, Division of Pediatric Gastroenterology,  
Hepatology and Nutrition, Department of Pediatrics, Severance  
Children's Hospital, Yonsei University College of Medicine  
2016. 3 – 2018.2 Assistant Clinical and Research Professor, Severance Hospital  
Division of Pediatric Gastroenterology, Hepatology and Nutrition  
Department of Pediatrics, Severance Children's Hospital,  
Yonsei University Health System, Seoul, Korea  
2018. 3 - 2020. 2 Basic Science Training Program, Department of Microbiology  
Assistant Clinical and Research Professor, Severance Hospital  
Division of Pediatric Gastroenterology, Hepatology and Nutrition  
Department of Pediatrics, Severance Children's Hospital,  
Yonsei University Health System, Seoul, Korea  
2020. 3 - Current Clinical Assistant Professor, Severance Hospital

Division of Pediatric Gastroenterology, Hepatology and Nutrition  
Department of Pediatrics, Severance Children's Hospital,  
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## OVERSEAS TRAINING

2017. 7 – 2017.8      Pediatric Gastroenterology, Hepatology and Nutrition  
Children's Hospital of Philadelphia, Pennsylvania, USA

## BOARD CERTIFICATION

Pediatrics (102702)  
Pediatric Gastroenterology, Hepatology, and Nutrition (6505)  
Pediatric Gastrointestinal Endoscopy

## COMMITTEE FULL MEMBER

Korean Medical Association  
The Korean Pediatric Society  
The Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition  
The Korean Association for the Study of Intestinal Diseases  
The Korean Society of Gastrointestinal Endoscopy  
Asian Pan-Pacific Society for Pediatric Gastroenterology, Hepatology and Nutrition  
European Crohn's and Colitis Organisation  
Editorial board of Pediatric Gastroenterology, Hepatology and Nutrition  
Editorial board of Frontiers in Pediatrics  
Editorial board of Intestinal Research

## SELECTED THE LATEST BIBLIOGRAPHY

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- 2 JJ Jee, J Lim, **S Park**, H Koh, HW Lee. Gut microbial community differentially characterizes patients with nonalcoholic fatty liver disease. *J Gastroenterol Hepatol.* 2022;37(9):1822-1832.

- 3 H Lim, YK Kang, **S Park**, H Koh. Effectiveness of high-volume therapeutic plasma exchange for acute and acute-on-chronic liver failure in Korean pediatric patients. *Pediatr Gastroenterol Hepatol*. 2022;25(6):481-488.
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- 5 GU Kang\*, **S Park\***, Y Jung, J Jee, MS Kim, S Lee, DW Lee, JH Shin, H Koh. Exploration of potential gut microbiota-derived biomarkers to predict the success of fecal microbiota transplantation in ulcerative colitis: a prospective cohort in Korea. *Gut Liver*. 2022;16(5):775-785.
- 6 **S Park**, B Kang, S Kim, S Choi, H Suh, E Kim, J Park, M Kim, Y Choi, Y Lee, J Park, E Roo, H Koh, BH Choi. Comparison between pediatric Crohn's disease and ulcerative colitis at diagnosis in Korea: results from a multicenter, registry-based, inception cohort study. *Gut Liver*. 2022;doi:10.5009/gnl210488.
- 7 C Kang, H Yoon, **S Park**, J Kim, K Han, S Kim, H Koh, MJ Lee, HJ Shin. Initial abdominal CT and laboratory findings prior to diagnosis of Crohn's disease in children. *Yonsei Med J*. 2022;63(7):675-682.
- 8 S Jang, Y Kim, C Lee, B Kwon, J Noh, JJ Jee, SS Yoon, H Koh, **S Park**. The effect of formula-based nutritional treatment on colitis in a murine model. *J Korean Med Sci*. 2021;36(50):e342.
- 9 M Park, S Kim, E Kim, GE Kim, JH Jung, SY Kim, MJ Kim, DH Kim, **S Park**, IG Ho, SK Kim, S Hwang, KH Shin, H Lee, B Lee, H Lee, M Park, H Koh, MH Sohn, DW Rha, KW Kim. Multidisciplinary aerodigestive program at a children's hospital: A protocol for a prospective observational study. *PlosOne*. 2021;16(10): e0259208.
- 10 S kim, M Park, E Kim, GE Kim, JH Jung, SY Kim, MJ Kim, DH Kim, **S Park**, H Koh, IG Ho, SK Kim, S Hwang, KH Shin, H Lee, B Lee, H Lee, M Park, MH Sohn, DW Rha, KW Kim. Development of a multidisciplinary aerodigestive program: an institutional experience. *Children (Basel)*. 2021;8(7):535.doi:10.3390/children8070535.
- 11 **S Park**, Y Kang, H Koh, S Kim. Increasing incidence of inflammatory bowel disease in children and adolescents: the significance of the environmental factors. *Clin Exp Pediatr*. 2020;63(9):337-344.
- 12 Y Kang, **S Park**, S Kim, SJ Han, H Koh. Validating the BAVENO VI criteria to identify low risk biliary atresia patients without endoscopy for esophageal varix. *Clin Res Hepatol Gastroenterol*, 2020;13(20): 30112-1.
- 13 W Shin, YM Ambrosini, YC Shin, A Wu, S Min, D Koh, **S Park**, S Kim, H Koh, HJ Kim. Robust formation of an epithelial layer of human intestinal organoids in a

- polydimethylsiloxane-based gut-on-a-chip microdevice. *Front Med Technol.* 2020; 2(2);doi: 10.33898/fmedt.2020.00002.
- 14 E Simpson, F Sanjar, D Wylie, **S Park**, H Koh, J Bae, S Kook, S Kim, HJ Kim. Draft genome sequences of two strains of *Bifidobacterium dentium* isolated from a crude fecal extract used for fecal microbiota transplantation in the Republic of Korea. *Microbiol Resour Announc.* 2020; 9(23): e00197-20.
  - 15 YC Shin, W Shin, D Koh, A Wu, YM Ambrosini, S Min, SG Eckhardt, RYD Fleming, S Kim, **S Park**, H Koh, TK Yoo, HJ Kim. Three-dimensional regeneration of patient-derived intestinal organoid epithelium in a physiodynamic mucosal interface-on-a-chip. *Micromachines.* 2020;11:663; doi: 10.3390/mil1070663.
  - 16 Y Kang, J Kim, D Kim, S Kim, **S Park**, H Lim, H Koh. Association between dietary patterns and handgrip strength: analysis of the Korean National Health and Nutrition Examination Survey Data between 2014 and 2017. *Nutrients.* 2020;12(10): 3048.
  - 17 Y Kang, **S Park**, S Kim, H Koh. Handgrip strength among Korean adolescents with metabolic syndrome in 2014-2015. *J Clin Densitom.* 2020; 23(2):271-277.
  - 18 YJ Jo, SB Tagele, HQ Pham, Y Jung, JC Ibal, SChoi, G Kang, **S Park**, Y Kang, S Kim, H Koh, J Shin. In situ profiling of the three dominant phyla within the human gut using Taqman PCR for pre-hospital diagnosis of gut diagnosis. *Int J Mol Sci.* 2020;21(6):1916.
  - 19 S Kim, **S Park**, Y Kang, H Koh. Combining faecal calprotectin and sigmoidoscopy can predict mucosal healing in paediatric ulcerative colitis. *Eur J Gastroenterol Hepatol.* 2020;32(1):17-21.
  - 20 H Sohn, **S Park**, Y Kang, H Koh, SJ Han, S Kim. Predicting variceal bleeding in patients with biliary atresia. *Scand J Gastroenterol.* 2019; 54(11):1385-1390.
  - 21 J Hong, **S Park**, Y Kang, H Koh, S Kim. Micronutrients are not deficient in children with nonorganic failure to thrive. *Pediatr Gastroenterol Hepatol Nutr* 2019;22:181-188.
  - 22 Y Kang, **S Park**, S Kim, SY Kim, H Koh. Therapeutic efficacy of exclusive enteral nutrition with specific polymeric diet in pediatric Crohn's disease. *Pediatr Gastroenterol Hepatol Nutr* 2019;22(1):72-79.
  - 23 S Kim, S Park, Y Kang, N Kwon, H Koh. Medical staff tend to underestimate the quality of life in children and adolescent with inflammatory bowel disease. *Acta Paediatr.* 2019;108(1):138-142.
  - 24 S Kim, **S Park**, Y Kang, JE Kim, B Kang, BH Choe, YJ Lee, HR Yang, SH Lee, KM Kim, E Ryoo, H Tchah, JO Shim, H Koh. Can we estimate quality of life in pediatric inflammatory bowel disease patients? An Asian multicenter study. *J Pediatr Gastroenterol Nutr* 2019; 68(1): 45-49.
  - 25 S Kim, Y Kang, **S Park**, H Koh, S Kim. Association of vitamin D with inflammatory bowel disease activity in pediatric patients. *J Korean Med Sci.* 2019 Aug; 34 (32):e204.

- 26 H Lee, S Park, JT Oh, HM Kim, S Kim, JS Lee. Oral pyridostigmine-responsive visceral myopathy with ACTG2 mutations: a case-series. *J Pediatr Gastroenterol Nutr* 2019;68(1):e16-e17.
- 27 Y Kang, **S Park**, S Kim, H Koh. Estimated Prevalence of Adolescents with Nonalcoholic Fatty Liver Disease in Korea. *J Korean Med Sci.* 2018 Apr 2; 33(14):e109.
- 28 Y Kang, **S Park**, S Kim, H Kong. Normal serum alanine aminotransferase and non-alcoholic fatty liver disease among Korean adolescents: a cross-sectional study using data from KNHANES 2010-2015. *BMC Pediatr.* 2018 Jul 5;18(1):215.
- 29 Y Kang, **S Park**, H Koh, S Kim. Correlation between the occurrence of acute gastroenteritis in children and regional temperature at a tertiary hospital emergency department in Korea. *PEMJ* 2018; 5(1): 19-24.
- 30 **S Park**, HC Kang, JS Lee, YN Park, S Kim, H Koh. Alpers-Huttenlocher syndrome first presented with hepatic failure: can liver transplantation be considered as treatment option? *Pediatr Gastroenterol Hepatol Nutr* 2017;20:259-262.
- 31 **SW Park**, JH Na, JE Kim, H Koh, JT Oh, SJ Han, S Kim. Relationship between anomalous pancreaticobiliary ductal union and pathologic inflammation of bile duct in choledochal cyst. *Pediatr Gastroenterol Hepatol Nutr* 2014;17:170-177.
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- 33 **SW Park**, YY Yi, JW Han, HD Kim, JS Lee, HC Kang. Wernicke's encephalopathy in a child with high dose thiamine therapy. *Korean J Pediatr.* 2014; 57: 496-499.