

## Curriculum Vitae

*\*CV must be written in English*

### Personal Information



<b>Title</b> (i.e. Prof., Dr., etc.)	Prof.
<b>Name</b> (First / Middle / Last)	Hong Koh
<b>Degree</b> (i.e. MD, MSc, PhD, etc.)	MD
<b>Country</b>	South Korea
<b>Affiliation</b>	Yonsei University College of Medicine

### Educational Background

1996.03 – 2002.02	College of Medicine, Yonsei University, Seoul, Korea
<b>M.D.</b>	College of Medicine, Yonsei University, Seoul, Korea
<b>Ph.D.</b>	College of Medicine, Yonsei University, Seoul, Korea

### Professional Experience

- Assistant Professor (2009.03 – 2017.02)**  
 Division of Pediatric Gastroenterology, Hepatology and Nutrition,  
 Department of Pediatrics,  
 Yonsei University College of Medicine, Severance Children's Hospital
- Associate Professor (2017.03 – 2022.02)**  
 Division of Pediatric Gastroenterology, Hepatology and Nutrition,  
 Department of Pediatrics,  
 Yonsei University College of Medicine, Severance Children's Hospital
- Full Professor (2022.03 – Current)**  
 Division of Pediatric Gastroenterology, Hepatology and Nutrition,  
 Department of Pediatrics,  
 Yonsei University College of Medicine, Severance Children's Hospital

### Professional Organizations

- Korean Medical Association
- Korean Pediatric Society
- Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition
- Korean Association for the Study of the Liver
- Korean Society of Gastrointestinal Endoscopy
- Korean Association for the Study of Intestinal Diseases
- American Association for the Study of the Liver (AASLD)
- Asian Pacific Association for the Study of the Liver (APSL)
- European Society for Pediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN)
- Asian Pan Pacific Society of Pediatric Gastroenterology, Hepatology and Nutrition (APPSPGHAN)

### Main Scientific Publications

#### 2025 published

1. [Development of a Korean Nutrition Model for In Silico Gut Microbiome Analyses Integrated With Nutrigenomics.](#) Kim KS, Yang SY, Jeong H, Hong M, Noh J, **Koh H**, Lee DW. *Mol Nutr Food Res*. 2025 May 4:e70090. doi: 10.1002/mnfr.70090. Online ahead of print. PMID: 40320851
2. [Refining microbiome diversity analysis by concatenating and integrating dual 16S rRNA amplicon reads.](#) Kim KS, Noh J, Kim BS, **Koh H**, Lee DW. *NPJ Biofilms Microbiomes*. 2025 Apr 12;11(1):57. doi: 10.1038/s41522-025-00686-x. PMID: 40221450 **Free PMC article.**

#### 2024 published

3. [Characteristics of Pediatric Ulcerative Colitis at Diagnosis in Korea: Results From a Multicenter, Registry-Based, Inception Cohort Study.](#) Lim JG, Kang B, Oh SH, Ryoo E, Kim YB, Choe YH, Lee YJ, Shin M, Yang HR, Kim SC, Lee YM, **Koh H**, Park JS, Choi SY, Jeong SJ, Lee Y, Chang JY, Kim TH, Shim JO, Moon JS. *J Korean Med Sci*. 2024 Dec 23;39(49):e303. doi: 10.3346/jkms.2024.39.e303. PMID: 39716861 **Free PMC article.**
4. [Development of Time-Aggregated Machine Learning Model for Relapse Prediction in Pediatric Crohn's Disease.](#) Jang S, Yu J, Park S, Lim H, **Koh H**, Park YR. *Clin Transl Gastroenterol*. 2024 Nov 21. doi: 10.14309/ctg.0000000000000794. Online ahead of print. PMID: 39569890
5. [Correction to: Prevalence of nonalcoholic fatty liver disease in pediatrics and adolescents: a systematic review and meta-analysis.](#) Lee EJ, Choi M, Ahn SB, Yoo JJ, Kang SH, Cho Y, Song DS, **Koh H**, Jun DW, Lee HW. *World J Pediatr*. 2024 Oct 16. doi: 10.1007/s12519-024-00838-7. Online ahead of print. PMID: 39412612 No abstract available.
6. [Prevalence of nonalcoholic fatty liver disease in pediatrics and adolescents: a systematic review and meta-analysis.](#) Lee EJ, Choi M, Ahn SB, Yoo JJ, Kang SH, Cho Y, Song DS, **Koh H**, Jun DW, Lee HW. *World J Pediatr*. 2024 Jun;20(6):569-580. doi: 10.1007/s12519-024-00814-1. Epub 2024 May 21. PMID: 38771552 Review.
7. [Assessment of DNA extraction methods for human gut mycobiome analysis.](#) Rintarhat P, Cho YJ, **Koh H**, Park S, Lee EJ, Lim H, Noh J, Lee DW, Jung WH. *R Soc Open Sci*. 2024 Jan 10;11(1):231129. doi: 10.1098/rsos.231129. eCollection 2024 Jan. PMID: 38204788 **Free PMC article.**

#### 2023 published

8. [Postoperative Bloodstream Infection Is Associated with Early Vascular Complications in Pediatric Liver Transplant Recipients with Biliary Atresia.](#) Jeon HJ, Kang JM, **Koh H**, Kim MS, Ihn K. *J Clin Med*. 2023 Oct 25;12(21):6760. doi: 10.3390/jcm12216760. PMID: 37959226 **Free PMC article.**
9. [Oral Porphyromonas gingivalis infection affects intestinal microbiota and promotes atherosclerosis.](#) Park S, Kim I, Han SJ, Kwon S, Min EJ, Cho W, **Koh H**, Koo BN, Lee JS, Kwon JS, Seo KY, Ha JW, Park YM. *J Clin Periodontol*. 2023 Nov;50(11):1553-1567. doi: 10.1111/jcpe.13864. Epub 2023 Aug 25. PMID: 37621247
10. [Enhancement of the SESN2-SHP cascade by melatonin ameliorates hepatic gluconeogenesis by inhibiting the CRBN-BTG2-CREBH signaling pathway.](#) An S, Nedumaran B, **Koh H**, Joo DJ, Lee H, Park CS, Harris RA, Shin KS, Djalilian AR, Kim YD. *Exp Mol Med*. 2023 Jul;55(7):1556-1569. doi: 10.1038/s12276-023-01040-x. Epub 2023 Jul 24. PMID: 37488285 **Free**
11. [Fecal microbiota transplantation improves hepatic fibro-inflammation via regulating oxidative stress in experimental NASH.](#) Lee DH, Jee JJ, Lee YS, Kim DY, Bang JY, Lee HW, **Koh H**, Bae SH. *Dig Liver Dis*. 2023 Nov;55(11):1521-1532. doi: 10.1016/j.dld.2023.06.015. Epub 2023 Jun 26. PMID: 37380586 **Free article.**
12. [Genome-wide multi-omics analysis reveals the nutrient-dependent metabolic features of mucin-degrading gut bacteria.](#) Kim KS, Tiffany E, Lee JY, Oh A, Jin HS, Kim JS, Lee JS, Nam MH, Hong SJ, Park S, **Koh H**, Kim BS, Lee YK, Lee DW. *Gut Microbes*. 2023 Jan-Dec;15(1):2221811. doi: 10.1080/19490976.2023.2221811. PMID: 37305974 **Free PMC article.**

13. [Pre- and Immediate Post-Kasai Portoenterostomy Shear Wave Elastography for Predicting Hepatic Fibrosis and Native Liver Outcomes in Patients With Biliary Atresia.](#) Yoon H, Ihn K, Kim J, Lim HJ, Park S, Han SJ, Han K, Koh H, Lee MJ. *Korean J Radiol.* 2023 May;24(5):465-475. doi: 10.3348/kjr.2022.0586. Epub 2023 Mar 30. PMID: 37056157 **Free PMC article.**
14. [Echocardiographic Assessment of Patients with Glycogen Storage Disease in a Single Center.](#) Seol J, Jung S, Koh H, Jung J, Kang Y. *Int J Environ Res Public Health.* 2023 Jan 25;20(3):2191. doi: 10.3390/ijerph20032191. PMID: 36767559 **Free PMC article.**
15. [Butyrate producers. "The Sentinel of Gut": Their intestinal significance with and beyond butyrate. and prospective use as microbial therapeutics.](#) Singh V, Lee G, Son H, Koh H, Kim ES, Unno T, Shin JH. *Front Microbiol.* 2023 Jan 12;13:1103836. doi: 10.3389/fmicb.2022.1103836. eCollection 2022. PMID: 36713166 **Free PMC article.** Review.

### 2022 published

16. [Effectiveness of High-Volume Therapeutic Plasma Exchange for Acute and Acute-on-Chronic Liver Failure in Korean Pediatric Patients.](#) Lim H, Kang Y, Park S, Koh H. *Pediatr Gastroenterol Hepatol Nutr.* 2022 Nov;25(6):481-488. doi: 10.5223/pghn.2022.25.6.481. Epub 2022 Nov 2. PMID: 36451692 **Free PMC article.**
17. [Handgrip Strength Cutoff Value Among Korean Adolescents with Metabolic Syndrome Components: Korean National Health and Nutrition Examination Survey Data 2014-2017.](#) Lee CH, Lee JH, Jeong YW, Koh H, Kang Y. *Metab Syndr Relat Disord.* 2022 Dec;20(10):584-591. doi: 10.1089/met.2022.0051. Epub 2022 Sep 29. PMID: 36178470
18. [Diet-Induced Host-Microbe Interactions: Personalized Diet Strategies for Improving Inflammatory Bowel Disease.](#) Lee JE, Kim KS, Koh H, Lee DW, Kang NJ. *Curr Dev Nutr.* 2022 Jun 25;6(8):nzac110. doi: 10.1093/cdn/nzac110. eCollection 2022 Aug. PMID: 36060223 **Free PMC article.** Review.
19. [Comparison between Pediatric Crohn's Disease and Ulcerative Colitis at Diagnosis in Korea: Results from a Multicenter, Registry-Based, Inception Cohort Study.](#) Park S, Kang B, Kim S, Choi S, Suh HR, Kim ES, Park JH, Kim MJ, Choe YH, Lee YJ, Park JH, Ryoo E, Koh H, Choe BH. *Gut Liver.* 2022 Nov 15;16(6):921-929. doi: 10.5009/gnl210488. Epub 2022 Sep 5. PMID: 36059091 **Free PMC article.**
20. [Relationship Between Handgrip Strength and Laboratory Values in Adolescents With Non-Alcoholic Fatty Liver Disease.](#) Lee SY, Jeong YW, Koh H, Kang Y. *J Clin Densitom.* 2022 Oct-Dec;25(4):490-496. doi: 10.1016/j.jocd.2022.06.005. Epub 2022 Aug 5. PMID: 36038460
21. [Exploration of Potential Gut Microbiota-Derived Biomarkers to Predict the Success of Fecal Microbiota Transplantation in Ulcerative Colitis: A Prospective Cohort in Korea.](#) Kang GU, Park S, Jung Y, Jee JJ, Kim MS, Lee S, Lee DW, Shin JH, Koh H. *Gut Liver.* 2022 Sep 15;16(5):775-785. doi: 10.5009/gnl210369. Epub 2022 Aug 17. PMID: 35975640 **Free PMC article.**
22. [Prevalence and Complications of Glycogen Storage Disease in South Korea: A Nationwide Population-Based Study, 2007-2018.](#) Lee EJ, Chang HE, Kim SH, Jeong YW, Koh H, Kang Y. *Biomed Res Int.* 2022 Jul 1;2022:2304494. doi: 10.1155/2022/2304494. eCollection 2022. PMID: 35813235 **Free PMC article.**
23. [Initial Abdominal CT and Laboratory Findings Prior to Diagnosis of Crohn's Disease in Children.](#) Kang C, Yoon H, Park S, Kim J, Han K, Kim S, Koh H, Lee MJ, Shin HJ. *Yonsei Med J.* 2022 Jul;63(7):675-682. doi: 10.3349/ymj.2022.63.7.675. PMID: 35748079 **Free PMC article.**
24. [Gut microbial community differentially characterizes patients with nonalcoholic fatty liver disease.](#) Jee JJ, Lim J, Park S, Koh H, Lee HW. *J Gastroenterol Hepatol.* 2022 Sep;37(9):1822-1832. doi: 10.1111/jgh.15903. Epub 2022 Jun 10. PMID: 35624084
25. [Sprayable nanomicelle hydrogels and inflammatory bowel disease patient cell chips for development of intestinal lesion-specific therapy.](#) Yoon HJ, Lee S, Kim TY, Yu SE, Kim HS, Chung YS, Chung S, Park S, Shin YC, Wang EK, Noh J, Kim HJ, Ku CR, Koh H, Kim CS, Park JS, Shin YM, Sung HJ. *Bioact Mater.* 2022 Mar

26. [Attenuation Coefficient Measurement Using a High -Frequency \(2-9 MHz\) Convex Transducer for Children Including Fatty Liver.](#) Yoon H, Kim J, Lim HJ, Kamiyama N, Oguri T, **Koh H**, Lee MJ. *Ultrasound Med Biol.* 2022 Jun;48(6):1070-1077. doi: 10.1016/j.ultrasmedbio.2022.02.005. Epub 2022 Mar 14. PMID: 35296397
27. [Faecal microbiota transplantation reduces amounts of antibiotic resistance genes in patients with multidrug - resistant organisms.](#) Hyun J, Lee SK, Cheon JH, Yong DE, **Koh H**, Kang YK, Kim MH, Sohn Y, Cho Y, Baek YJ, Kim JH, Ahn JY, Jeong SJ, Yeom JS, Choi JY. *Antimicrob Resist Infect Control.* 2022 Jan 29;11(1):20. doi: 10.1186/s13756-022-01064-4. PMID: 35093183 **Free PMC article.**
28. [Significance of Follow -Up Ultrasonography 24 Hours Post -Reduction in Detecting Intussusception Recurrence.](#) Kim S, Lim H, Park S, **Koh H**. *Pediatr Gastroenterol Hepatol Nutr.* 2022 Jan;25(1):21-29. doi: 10.5223/pghn.2022.25.1.21. Epub 2022 Jan 7. PMID: 35087730 **Free PMC article.**
29. [New perspective on fecal microbiota transplantation in liver diseases.](#) Suk KT, **Koh H**. *J Gastroenterol Hepatol.* 2022 Jan;37(1):24-33. doi: 10.1111/jgh.15729. PMID: 34734433 Review.
30. [Association between Fecal Calprotectin and Mucosal Healing in Pediatric Patients with Crohn's Disease Who Have Achieved Sustained Clinical Remission with Anti -Tumor Necrosis Factor Agents.](#) Lee YM, Choi S, Choe BH, Jang HJ, Kim S, **Koh H**, Kim ES, Kim MJ, Choe YH, Kang B. *Gut Liver.* 2022 Jan 15;16(1):62-70. doi: 10.5009/gnl20300. PMID: 33833135 **Free PMC article.**

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31. [The Effect of Formula-based Nutritional Treatment on Colitis in a Murine Model.](#) Jang S, Kim Y, Lee C, Kwon B, Noh J, Jee JJ, Yoon SS, **Koh H**, Park S. *J Korean Med Sci.* 2021 Dec 27;36(50):e342. doi: 10.3346/jkms.2021.36.e342. PMID: 34962114 **Free PMC article.**
32. [Psoas muscle area and paraspinal muscle fat in children and young adults with or without obesity and fatty liver.](#) Albakheet SS, Lee MJ, Yoon H, Shin HJ, **Koh H**. *PLoS One.* 2021 Nov 17;16(11):e0259948. doi: 10.1371/journal.pone.0259948. eCollection 2021. PMID: 34788336 **Free PMC article.**
33. [Multidisciplinary aerodigestive program at a children's hospital: A protocol for a prospective observational study.](#) Park M, Kim S, Kim E, Kim GE, Jung JH, Kim SY, Kim MJ, Kim DH, Park S, Ho IG, Kim SK, Hwang S, Shin KH, Lee H, Lee B, Lee H, Park M, **Koh H**, Sohn MH, Rha DW, Kim KW. *PLoS One.* 2021 Oct 27;16(10):e0259208. doi: 10.1371/journal.pone.0259208. eCollection 2021. PMID: 34705883 **Free PMC article.**
34. [A large-scale metagenomic study for enzyme profiles using the focused identification of the NGS -based definitive enzyme research \(FINDER\) strategy.](#) Sung JY, Lee YJ, Cho YJ, Shin MN, Lee SJ, Lee HS, **Koh H**, Bae JW, Shin JH, Kim HJ, Lee DW. *Biotechnol Bioeng.* 2021 Nov;118(11):4360-4374. doi: 10.1002/bit.27904. Epub 2021 Aug 2. PMID: 34309016
35. [Quantitative MRI Assessment of Pancreatic Steatosis Using Proton Density Fat Fraction in Pediatric Obesity.](#) Kim J, Albakheet SS, Han K, Yoon H, Lee MJ, **Koh H**, Kim S, Suh J, Han SJ, Ihn K, Shin HJ. *Korean J Radiol.* 2021 Nov;22(11):1886-1893. doi: 10.3348/kjr.2020.1343. Epub 2021 Jul 14. PMID: 34269534 **Free PMC article.**
36. [Effect of different driver power amplitudes on liver stiffness measurement in pediatric liver MR elastography.](#) Kim DK, Yoon H, Han K, Kim J, Lee MJ, Kim S, **Koh H**, Han SJ, Shin HJ. *Abdom Radiol (NY).* 2021 Oct;46(10):4729-4735. doi: 10.1007/s00261-021-03197-3. Epub 2021 Jul 3. PMID: 34216244
37. [Development of a Multidisciplinary Aerodigestive Program: An Institutional Experience.](#) Kim S, Park M, Kim E, Kim GE, Jung JH, Kim SY, Kim MJ, Kim DH, Park S, **Koh H**, Ho IG, Kim SK, Hwang S, Shin KH, Lee H, Lee B, Lee H, Park M, Sohn MH, Rha DW, Kim KW. *Children (Basel).* 2021 Jun 23;8(7):535. doi: 10.3390/children8070535. PMID: 34201876 **Free PMC article.**
38. [KASL clinical practice guidelines: Management of nonalcoholic fatty liver disease.](#) Kang SH, Lee HW, Yoo JJ, Cho Y, Kim SU, Lee TH, Jang BK, Kim SG, Ahn SB, Kim H, Jun DW, Choi JI, Song DS, Kim W, Jeong SW, Kim

# AOCC 2026

## IMKASID 2026

JUNE 25 (Thu.) - 27 (Sat.), 2026 | COEX, SEOUL, KOREA



MY, Koh H, Jeong S, Lee JW, Cho YK; Korean Association for the Study of the Liver (KASL). Clin Mol Hepatol. 2021 Jul;27(3):363-401. doi: 10.3350/cmh.2021.0178. Epub 2021 Jun 22. PMID: 34154309 **Free PMC article.** No abstract available.

39. [High Prevalence of Nonalcoholic Fatty Liver Disease Among Adolescents and Young Adults With Hypopituitarism due to Growth Hormone Deficiency.](#) Kang SJ, Kwon A, Jung MK, Chae HW, Kim S, Koh H, Shin HJ, Kim HS. Endocr Pract. 2021 Nov;27(11):1149-1155. doi: 10.1016/j.eprac.2021.06.003. Epub 2021 Jun 11. PMID: 34126247
40. [Key imaging features for differentiating cystic biliary atresia from choledochal cyst: prenatal ultrasonography and postnatal ultrasonography and MRI.](#) Shin HJ, Yoon H, Han SJ, Ihn K, Koh H, Kwon JY, Lee MJ. Ultrasonography. 2021 Apr;40(2):301-311. doi: 10.14366/usg.20061. Epub 2020 Jul 31. PMID: 33050687 **Free PMC article.**
41. [Diffusion-Weighted Imaging for Differentiation of Biliary Atresia and Grading of Hepatic Fibrosis in Infants with Cholestasis.](#) Kim J, Shin HJ, Yoon H, Han SJ, Koh H, Kim MJ, Lee MJ. Korean J Radiol. 2021 Feb;22(2):253-262. doi: 10.3348/kjr.2020.0055. Epub 2020 Aug 28. PMID: 32901459 **Free PMC article.**
42. [Validating the BAVENO VI criteria to identify low risk biliary atresia patients without endoscopy for esophageal varix.](#) Kang Y, Park S, Kim S, Han SJ, Koh H. Clin Res Hepatol Gastroenterol. 2021 Jan;45(1):101437. doi: 10.1016/j.clinre.2020.04.007. Epub 2020 May 13. PMID: 32417223 **Free article.**