

A Great Leap for Intestinal Research: 20 YEARS AND BEYOND

Curriculum Vitae

| Personal Information | | | |
|--------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------|--|
| Title (i.e. Pf., Dr., etc.) | Professor | | |
| Name (First name Middle name Last name) | GwangPyo Ko | | |
| Degree (i.e. MD, Msc, PhD, etc.) | Sc.D | | |
| Country | Korea | | |
| Affiliation | Seoul National University | | |
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| | | Educational Background | |
| | | BS, Dept of Microbiology, School of Natural Science, Seoul National University, 1992 | |
| | | MS, Dept of Microbiology, School of Natural Science, Seoul National University, 1992 | |
| | | Ph.D., Dept of Environmental Health, School of Public Health, Harvard University, 2000 | |
| Professional Experience | | | |
| Post-doc, University of North Carolina at Chapel Hill, 2001-2003 | | | |
| Assistant Professor, University of Texas Health Science Center at Houston, 2003-2005 | | | |
| Professor, Seoul National University, 2005-present | | | |
| Professional Organizations | | | |
| 한국미생물학회 (Microbiological Society of Korea), 평의원, 이사 | | | |
| 한국미생물생명공학회(KORMB), 평의원, 부회장 | | | |
| International Human Microbiome Consortium, Board member | | | |
| Am Society of Microbiology, member | | | |
| Am Society of Virology, lifetime member | | | |

IMKASID 2022

COMMEMORATING
THE 20th ANNIVERSARY OF KASID

THE 5th INTERNATIONAL MEETING ON INTESTINAL DISEASES IN CONJUNCTION WITH
THE ANNUAL CONGRESS OF THE KOREAN ASSOCIATION FOR THE STUDY OF INTESTINAL DISEASES

MAY 12 THU - 14 SAT, 2022 / BEXCO, Busan **IN PERSON & VIRTUAL EVENT ▶▶**

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Main Scientific Publications

HS Yoon, CH Cho, MS Yun, HJ You, DH Han, KH Cha, SJ J, SH Moon, K Lee, TW Nam, G Ko*. 2021. Akkermansia muciniphil a secretes a glucagon-like peptide-1-

inducible protein that improve glucose homeostasis and ameliorate metabolic disease. **Nature Microbiol.** 6(5):563-573

Lee G, HJ You, JS Bajaj, SK Hoo, Y Yu, JH Park, JH Kim, DH Lee, W Kim, G Ko*. 2021,

Distinct signatures of gut microbiome and metabolites are associated with significant fibrosis in biopsy-proven non-obese NAFLD. **Nature Communication**, 10.1038.

Seo B, Jeon K, Moon S, Lee K, Kim WK, Jeong H, Cha KH, Lim MY, Kang W, Kweon MN, Sung J, Kim W, Park JH and Ko G*. 2020. Roseburia spp. ameliorate alcoholic fat liver via restoration of gut barrier functions. **Cell Host Microbe.** 27:25.

Kim WK, Jang YH, Han DH, Lee C, Han HS, Ko G*. 2020. Lactobacillus paracasei KBL382 administration attenuates atopic dermatitis by modulating immune response and gut microbiota. **Gut Microbes**, 9(12):1-14

Jang YJ, Kim WK, Han DH, Lee K, and Ko G. 2019*. Lactobacillus fermentum species ameliorate dextran sulfate sodium-induced colitis by regulating the immune response and altering gut microbiota. **Gut Microbes**, 3:1-16

Si J, You HJ, Sung J, and Ko G*. 2017*. Prevotella as a hub for vaginal microbiota under the influence of host genetics and their association with obesity. **Cell Host Microbe.** 21(1):97-105.

Lim MY, You HJ, Yoon HS, Kwon B, Lee KY, Lee S, Song YM, Sung J, Ko G*. 2017. The effect of heritability and host genetic s on the gut microbiota and metabolic syndrome. **Gut**, Apr 6, 2015-311326