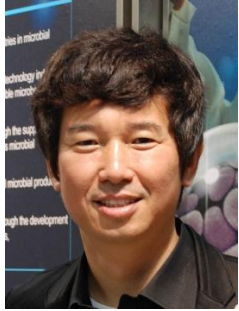




Curriculum Vitae

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Educational Background	
1989 B.S., Seoul National University 1991 M.S., Seoul National University 1997 Ph.D., Cornell University	
Professional Career	
1997~2000 Postdoctoral Associate, Cornell University 2000~2012 Senior/Principal Researcher, Director, Korea Research Institute of Bioscience and Biotechnology (KRIBB) 2012~ present Associate Professor, Professor, Chair, Department of Systems Biology, Yonsei University 2014~2022 Director, Strategic Initiative for Microbiomes in Agriculture and Food 2016~ present Associate Member, Fellow, The Korean Academy of Science and Technology 2021~ present Director, Yonsei Microbiome Initiative 2022~2024 Vice President, Office of Research Affairs, Yonsei University; President, Yonsei University-Industry Foundation; Chief Executive Officer, Yonsei Technology Holdings Inc. 2024~present Yonsei Lee Youn Jae Fellow 2024~2025 Co-chair, Organizing Committee, 29th Annual International Conference on Research in Computational Molecular Biology (RECOMB 2025); Co-chair, Steering Committee, RECOMB–Microbiome 2025~2026 Member, Deliberative Council, Presidential Advisory Council on Science and Technology	
Research Field	
Microbial genomics, metagenome/microbiome studies, systems/synthetic microbiology, genome evolution, hologenome/holobiome, pathogens and probiotics	
Main Scientific Publications	
Huh JW, Kim MJ, Kim J, Lee HG, Ryoo SB, Ku JL, Jeong SY, Park KJ, Kim D, Kim JF [†] , Park JW [†] . Enterotypical <i>Prevotella</i> and three novel bacterial biomarkers in preoperative stool predict clinical outcome of colorectal cancer. <i>Microbiome</i> 10:203. 2022. Kim KH, Chung Y, Huh JW, Park DJ, Cho Y, Oh Y, Jeong H, Yoon J, Kang JH, Shin HS, Kim HC, Kwon SK, Seo KY, Oh SH, Seong JK, Ha SJ, Nam KT [†] , Kim JF [†] . Gut microbiota of the young ameliorates physical fitness of the aged in mice. <i>Microbiome</i> 10:238. 2022. Kwon SK, Park JC, Kim KH, Yoon J, Cho Y, Lee B, Lee JJ, Jeong H, Oh Y, Kim SH, Lee SD, Hwang BR, Chung Y, Kim JF [†] , Nam KT [†] , Lee YC [†] . Human gastric microbiota transplantation recapitulates premalignant lesions in germ-free mice. <i>Gut</i> 71:1266-1276. 2022. Chung Y, Ryu Y, An BC, Yoon YS, Choi O, Kim TY, Yoon J, Ahn JY, Park HJ, Kwon SK, Kim JF [†] , Chung MJ [†] . A synthetic probiotic engineered for colorectal cancer therapy modulates gut microbiota. <i>Microbiome</i> 9:122. 2021.	