• **Name:** Ju-Hoon Lee, Ph.D.

• **Current Position:** Associate Professor,
Department of Food Science and Biotechnology, Kyung Hee University
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• **Country:** South Korea

• **Educational Background:**

Ph.D.	2007	University of Minnesota-Twin Cities, MN, USA Department of Food Science and Nutrition (Advisor. Prof. Daniel J. O'Sullivan)
M.S.	1999	Seoul National University, Seoul, South Korea Department of Food Science and Technology (Advisor. Prof. Ke-Ho Lee)
B.S.	1997	Seoul National University, Seoul, South Korea Department of Food Science and Technology

• **Professional Experiences:**

2015 – Present	Associate Professor, Department of Food Science and Biotechnology, Kyung Hee University, South Korea
2012 – 2015	Assistant Professor, Department of Food Science and Biotechnology, Kyung Hee University, South Korea
2011 - 2012	Assistant Professor, Department of Food Science and Biotechnology, CHA University, South Korea
2007 - 2011	Postdoctoral/Research Associate, Cargill Genomics Institute, University of Minnesota, St. Paul, MN, USA
2002 - 2007	Research Assistant, Department of Food Science and Nutrition, University of Minnesota, St. Paul, MN, USA
1999 - 2001	Research Scientist, Bio-Resources Institute, Easy Bio Systems, Inc., South Korea

• **Professional Organizations:**

2018 - Present	Secretary of Academic Affairs, Korean Society for Microbiology and Biotechnology, South Korea
2018 - Present	Editor of Food Microbiology Division, Journal of Microbiology and Biotechnology (JMB; SCIE)
2018 - Present	Editor of Food Microbiology Division, Food Science and Biotechnology (FSB; SCIE)
2018 - Present	Committee member, Food and Drug Safety Advisory Committee, Ministry of Food Science and Drug Safety (MFDS), South Korea
2016 - Present	Committee member, GMO Advisory Committee, Ministry of Food and Drug Safety (MFDS), South Korea
2016 - 2017	Deputy Editor, Journal of Microbiology and Biotechnology (JMB; SCIE)
2016 - 2017	Associate Editor, Food Science and Biotechnology (FSB; SCIE)
2015 - 2016	Secretary of International Affairs, The Microbiological Society of Korea, South Korea
2013 - 2014	Deputy Editor of e-Bioindustry, Korean Society for Microbiology and Biotechnology, South Korea
2012 - 2015	Associate Editor, Journal of Korean Society for Applied and Biological Chemistry, South Korea (JABC; SCIE)
2011 - 2012	Secretary of the Society Committee, The Korean Society of Food Science and Nutrition, South Korea

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• Main Scientific Publications: (2011-Present; total 57 SCI papers)

1. (IF 16.950) **Ju-Hoon Lee** and Daniel J. O'Sullivan. 2010. Genomic Insights into Bifidobacteria. Microbiol. Mol. Biol. Rev. **74(3):**378-416.
2. (IF 3.778) **Ju-Hoon Lee**, Xiulan Li and Daniel J. O'Sullivan. 2011. Transcription Analysis of a Lantibiotic Gene Cluster from Bifidobacterium longum DJO10A. Appl. Environ. Microbiol. **77(17):**5879-5887.
3. (IF 3.829) Minjung Park*, **Ju-Hoon Lee***, Hakdong Shin, Minsik Kim, Jeongjoon Choi, Dong-Hyun Kang, Sunggi Heu, and Sangryeol Ryu. 2012. Characterization and Comparative Genomic Analysis of a Novel Bacteriophage, SFP10, Simultaneously Inhibiting both *Salmonella enterica* and *Escherichia coli* O157:H7. Appl. Environ. Microbiol. **78(1):**58-69. (*Co-first authors)
4. (IF 4.092) Hakdong Shin*, **Ju-Hoon Lee***, Hyeryen Kim, Younho Choi, Sunggi Heu, and Sangryeol Ryu. 2012. Receptor Diversity and Host Interaction of Bacteriophage Infecting *Salmonella enterica* serovar Typhimurium. PLoS One. **7(8):**e43392. (*Co-first authors)
5. (IF 3.829) Youn Ho Choi, Hakdong Shin, **Ju-Hoon Lee**, and Sangryeol Ryu. 2013. Identification and characterization of a novel flagellum-dependent *Salmonella*-infecting bacteriophage, iEPS5. Appl. Environ. Microbiol. 79(16):4829-4837.
6. (IF 3.829) Hyun Sung Lee, Slae Choi, Hakdong Shin, **Ju-Hoon Lee*** and Sang Ho Choi*. 2014. Vibrio vulnificus Bacteriophage SSP002 as a Possible Biocontrol Agent. Appl. Environ. Microbiol. **80(2):**515-524. (*Co-corresponding authors)
7. (IF 3.183) **Ju-Hoon Lee,** Hakdong Shin, Hye-Jee Park, Sangryeol Ryu, and Sang-Wook Han. 2014. Draft genome sequence of *Xanthomonas axonopodis* pv. glycines 8ra possessing transcription activator-like effectors used for genetic engineering. J. Biotechnol. **179:**15-16.
8. (IF 3.941) Hye-Jin Ku, Myeong Soo Park, and **Ju-Hoon Lee**. 2015. Characterization of a minimal pKW2124 replicon from *Weissella cibaria* KLC140 and its application for the construction of the *Weissella* expression vector pKUCm1. Front. Microbiol. **6**:35.
9. (IF 2.511) Se-Hui Lee, Hye-Jin Ku, Min-Ju Ahn, Ji-Sang Hong, Se-Hee Lee, Hakdong Shin, Keun Cheol Lee, Jeong-Sook Lee, Sangryeol Ryu, Che Ok Jeon, and **Ju-Hoon Lee**. 2015. Isolation of *Weissella jogaejeotgali* sp. nov. from Jogaejeotgal, a Traditional Korean Fermented Seafood. Int. J. Syst. Evol. Microbiol. **65:**4674-4681.
10. (IF 3.668) **Ju-Hoon Lee**, Jaewoo Bai, Hakdong Shin, Yeran Kim, Bookyung Park, Sunggi Heu, and Sangryeol Ryu. 2016. A Novel Bacteriophage Targeting *Cronobacter sakazakii* is a Potential Biocontrol Agent in Foods. Appl. Environ. Microbiol. **82(1):**192-201.
11. (IF 3.989) Jaewoo Bai, You-Tae Kim, Sangryeol Ryu, and **Ju-Hoon Lee**. 2016. Biocontrol and Rapid Detection of Food-Borne Pathogens Using Bacteriophages and Endolysins. Front. Microbiol. **7:**474.
12. (IF 3.057) Lee H, Ku HJ, Lee DH, Kim YT, Shin H, Ryu S, **Lee JH.** 2016. Characterization and Genomic Study of the Novel Bacteriophage HY01 Infecting Both *Escherichia coli* O157:H7 and *Shigella flexneri*: Potential as a Biocontrol Agent in Food. PLoS One. 11(12):e0168985.
13. (IF 2.816) Kim S, Kim YT, Yoon H, **Lee JH**, Ryu S. 2017. The complete genome sequence of *Cronobacter sakazakii* ATCC 29544(T), a food-borne pathogen, isolated from a child's throat. Gut Pathog. **9**:2.
14. (IF 2.816) Koo HJ, Ahn S, Chung HY, Kim S, Kim K, Ryu S, **Lee JH**, Choi SH, Kim H. 2017. Comparative genomic analysis reveals genetic features related to the virulence of *Bacillus cereus* FORC_013. Gut Pathog. **9**:29