



**Prof. Bong-Soo Kim**

Professor

Hallym University, Korea

**Education**

1997-2001 B.S. in Applied Biology and Chemistry, Seoul National University, Korea

2001-2007 Ph.D. in School of Biological Sciences, Seoul National University, Korea

**Career Background**

2007-2008 Post-doctoral Researcher

Institute of Microbiology, Seoul National University, Korea

2008-2011 Post-doctoral Researcher

Division of Microbiology, National Center for Toxicological Research, US F.D.A., USA

2011-2014 Director

Research Center for Bioinformatics, Chunlab, Inc., Seoul, Korea

2014-present Assistant Professor

Department of Life Science, Hallym University, Chuncheon, Korea

**Research Fields**

Human Microbiome, Microbiome in Ecosystem, Metagenomics, Microbial Genomics

**Selected Publications (2016-2018)**

1. Min-Jung Lee, Mi-Jin Kang, So-Yeon Lee, Eun Lee, Kangjin Kim, Sungho Won, Dong In Suh, Kyung Won Kim, Young Ho Sheen, Kangmo Ahn, Bong-Soo Kim\*, Soo-Jong Hong\*. (2018) Perturbation of the gut microbiome genes in infants with atopic dermatitis according to feeding type. *Journal of Allergy and Clinical Immunology*. In press. Doi: <https://doi.org/10.1016/j.jaci.2017.11.045>
2. Bong-Soo Kim, Eun Lee, Min-Jung Lee, Mi-Jin Kang, Jisun Yoon, Huyn-Ju Cho, Jaehyun Park, Sungho Won, So-Yeon Lee, Soo-Jong Hong. (2018) Different functional genes of upper airway microbiome associated with natural course of childhood asthma. *Allergy*. 73(3), 644-652.
3. Jin Hee Park, Bong-Soo Kim\*, Chul-Min Chon. (2018) Characterization of iron and manganese minerals and their associated microbiota in different mine sites to reveal the potential interactions of microbiota with mineral formation. *Chemosphere*. 191, 245-252.
4. Jin-Jae Lee, Tae-Yoon Kim, Sang Ho Choi, Bong-Soo Kim\*. (2017) Analysis of the bacterial microbiome

- in the small octopus, *Octopus variabilis*, from South Korea to detect the potential risk of foodborne illness and to improve product management. *Food Research International*. 102, 51-60.
5. Suyeon Kim, Min-Jung Lee, Jin-Jae Lee, Sang Ho Choi, Bong-Soo Kim\*. (2017) Analysis of microbiota of the swimming crab (*Portunus trituberculatus*) in South Korea to identify risk markers for foodborne illness. *LWT –Food Science and Technology*. 86, 483-491.
  6. Min-Jung Lee, Jin-Jae Lee, Han Young Chung, Sang Ho Choi, Bong-Soo Kim\*. (2016) Analysis of microbiota on abalone (*Haliotis discus hannai*) in South Korea for improved product management. *International Journal of Food Microbiology*. 234, 45-52.
  7. Eun Lee, So-Yeon Lee, Mi-Jin Kang, Kangjin Kim, Sungho Won, Byoung-Ju Kim, Kil Yong Choi, Bong-Soo Kim, Hyun-Ju Cho, Yeongho Kim, Song I. Yang, Soo-Jong Hong. (2016) Clostridia in the gut and onset of atopic dermatitis via eosinophilic inflammation. *Annals of Allergy, Asthma & Immunology*. 117(1), 91-92.e1.
  8. Han Young Chung, Eun Jung Na, Kyu-Ho Lee, Sangryeol Ryu, Hyunjin Yoon, Ju-Hoon Lee, Hyeun Bum Kim, Heebal Kim, Sang Ho Choi, Bong-Soo Kim\*. (2016) Complete genome sequence of *Vibrio parahaemolyticus* FORC\_023 isolated from raw fish storage water. *Pathogens and Diseases*. 74(4).
  9. Bumjo Oh, Ji Won Kim, Bong-Soo Kim\*. (2016) Changes in the functional potential of the gut microbiome following probiotic supplementation during *Helicobacter pylori* treatment. *Helicobacter*. 21(6), 493-503.
  10. Bumjo Oh†, Bong-Soo Kim†, Ji Won Kim, Jong Seung Kim, Seong-Joon Koh, Byeong Gwan Kim, Kook Lae Lee, Jongsik Chun. (2016) The effect of probiotics on gut microbiota during the *Helicobacter pylori* eradication: randomized controlled trial. *Helicobacter*. 21(3), 165-174