

## 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)	Munhyung Bae
	<b>Degree</b> (i.e. MD, MSc, PhD, etc.)	PhD
	<b>Country</b>	South Korea
	<b>Affiliation</b>	College of Pharmacy, Gachon University

### Educational Background

2013.03 – 2018. 02      PhD, College of Pharmacy, Seoul National University  
2011.03 – 2013. 02      MS, College of Pharmacy, Seoul National University

### Professional Experience

2022.01 – present      Assistant Professor, College of Pharmacy, Gachon University  
2018.04 – 2021.12      Postdoctoral Research Fellow, Harvard Medical School

### Professional Organizations

2026.01 – present      Chair of the Academic Committee, The Korea Society of Pharmacognosy  
2025.03 – 2026.01      General Affairs Committee, The Korea Society of Pharmacognosy  
2025.03 – 2026.01      General Affairs Committee, The Pharmaceutical Society of Korea  
2023.03 – 2025.01      Academic Committee, The Pharmaceutical Society of Korea  
2023.03 – present      Associate Editorial Board, Archives of Pharmacal Research

### Main Scientific Publications

- \*Kwon, J.; \*Bae, M.; \*Szamosvari, D.; Cassilly, C. D.; Bolze, A. S.; Jackson, D. R.; Xavier, R. J.; Clardy, J. *Collinsella aerofaciens* Produces a pH-Responsive Lipid Immunogen. *J. Am. Soc.* **2023**, *145*, 7071-7074.  
\*Authors contributed equally to work presented in manuscript.
- \*Bae, M.; \*Cassilly, C. D.; Liu, X.; Tusi, B. K.; Chen, Xi.; Kwon, J.; Filipcik, P.; Bolze, A.; Vlamakis, H.; Graham, D. B.; Buhrlage, S. J.; Xavier, R.; Clardy, J. A single lipid from a gut microbe induces homeostatic immune responses. *Nature* **2022**, *608*, 168-173.
- \*Szamosvari, D.; \*Bae, M.; \*Bang, S.; Tusi, B. K.; Cassilly, C. D.; Park, S. M.; Graham, D. B.; Xavier, R. J.; Clardy, J. Lyme Disease, *Borrelia burgdoferi*, and Lipid Immunogens. *J. Am. Soc.* **2022**, *144*, 2474-2478.