

# C.V.

**Full Name:** Hye Young Kim

**Organization:** Seoul National University College of Medicine

**Position & Title:** Professor

## Educational background & professional experience

2021-present Seoul National University College of Medicine, Professor

2014-2020 Seoul National University College of Medicine, Associate Professor

2011-2013 Harvard Medical School/BCH, Research associate

2006 -2011 Harvard Medical School/BCH, Research fellow

2003- 2006 Seoul National University College of Medicine, Ph.D. in Immunology

2001- 2003 Seoul National University, M.S in Genetics

1997- 2001 Ewha Womans University, B.S. in Biology

## Research Interests

Innate lymphoid cells, Innate immunity, Respiratory diseases, Autoimmune diseases, Chronic diseases

## Publications

1. Kim J, Kim YC, Ham J, Sohn KH, Lee SY, Chung DH, Cho SH, Kang HR\*, Kim HY\* The effect of air pollutants on airway innate immune cells in patients with asthma. *Allergy*. 2020 Sep;75(9):2372-2376. doi: 10.1111/all.14323.
2. Kim MH\*, Jin SP\*, Jang SH, Choi JY, Chung DH, Lee DH, Kim KH<sup>†</sup>, Kim HY<sup>†</sup> IL-17A producing innate lymphoid cells promote skin inflammation by inducing IL-33 driven type 2 immune responses. *J Invest Dermatol*. 2020 Apr;140(4):827-837.e9. doi: 10.1016/j.jid.2019.08.447
3. Ryu S, Lee EY, Kim DK, Kim YS, Chung DH, Kim JH, Lee H\*, Kim HY\* (Co-corresponding authors). Reduction of circulating innate lymphoid cell progenitors results in impaired cytokine production by innate lymphoid cells in patients with lupus nephritis. *Arthritis Res Ther*. 2020 Mar 29;22(1):63. doi: 10.1186/s13075-020-2114-5.
4. Shim JS, Lee HS, Park DE, Lee JW, Bae BR, Chang Y, Kim JH, Kim HY\*, Kang HR\* (Co-corresponding authors) Aggravation of asthmatic inflammation by chlorine exposure *via* innate lymphoid cells and CD11cintermediate macrophages. *Allergy*. 2020 Feb;75(2):381-391. doi: 10.1111/all.14017. Epub 2019 Sep 9.
5. Kim JH, Chang Y, Bae B, Sohn KH, Cho SH, Chung DH, Kang HR\*, Kim HY\* Innate immune crosstalk in asthmatic airways: innate lymphoid cells coordinate the polarization of lung macrophage. *J Allergy Clin Immunol*. 2019 May;143(5):1769-1782.e11. doi: 10.1016/j.jaci.2018.
6. BB Lee. AH Choi, JH Kim, YK Jun, HJ Woo, SD Ha, CY Yoon, JT Hwang, Lars Steinmetz, Stephen Buratowski, SH Lee, Kim HY\*, TS Kim\* (\*Co-corresponding authors) Rpd3L HDAC links H3K4me3 to transcriptional repression memory. *Nucleic Acids Res*. 2018 Sep 19;46(16):8261-8274. doi: 10.1093/nar/gky573.