

- **Full Name:** Eui-Cheol Shin
 - **Current Position & Affiliation:** Professor, KAIST
 - **Country:** Republic of Korea
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• Educational Background:

- 1990-1996: M.D., Yonsei University College of Medicine, Seoul, Korea
1996-1998: M.S. (in Microbiology and Immunology),
Yonsei University College of Medicine, Seoul, Korea
1998-2001: Ph.D. (in Microbiology and Immunology),
Yonsei University College of Medicine, Seoul, Korea

• Professional Experience:

- 2002-2007: Research Fellow, NIDDK, National Institutes of Health (NIH), Bethesda, MD, USA
2007-present: Assistant Professor, Associate Professor, and Professor,
Graduate School of Medical Science and Engineering, Korea Advanced Institute of Science
and Technology (KAIST), Daejeon, Korea
2018-present: Adjunct Professor, Yonsei University College of Medicine, Seoul, Korea
2019-present: Member, The Korea Academy of Science and Technology
2021-present: Director, The Center for Viral Immunology, Korea Virus Research Institute, Institute for
Basic Science, Daejeon, Korea

• Professional Organizations:

- 2014-2017 Chair, Academic Committee, The Korean Vaccine Society, Korea
2018-2019 Chair, Academic Committee, The Korean Society of Virology, Korea
2020-2020 Chair, Academic Committee, The Korean Association of Immunologists, Korea
2020-present Chair, Research Committee, The Korean Cancer Association, Korea

• Main Scientific Publications:

1. Lee YJ, Kim JY, Jeon SH, Nam H, Jung JH, Jeon M, Kim ES, Bae SJ, Ahn J, Yoo TK, Sun WY, Ahn SG, Jeong J, Park SH, Park WC, Kim SI, **Shin EC**. CD39⁺ tissue-resident memory CD8⁺ T cells with a clonal overlap across compartments mediate anti-tumor immunity in breast cancer. *Sci Immunol* 7:eabn8390, 2022
2. Koh JY, Rha MS, Choi SJ, Lee HS, Han JW, Nam H, Kim DU, Lee JG, Kim MS, Park JY, Park SH, Joo DJ, **Shin EC**. Identification of a distinct NK-like hepatic T-cell population activated by NKG2C in a TCR-independent manner. *J Hepatol* 77:1059-1070, 2022
3. Jung MK, Jeong SD, Noh JY, Kim DU, Jung S, Song JY, Jeong HW, Park SH, **Shin EC**. BNT162b2-induced memory T cells respond to the Omicron variant with preserved polyfunctionality. *Nat Microbiol* 7:909-917, 2022
4. Koh JY, **Shin EC**. KIRs mark killers suppressing autoimmunity. *Immunity* 55:735-737, 2022
5. Leem G, Jeon M, Kim KW, Jeong S, Choi SJ, Lee YJ, Kim ES, Lee JI, Ha SY, Park SH, Shim HS, Lee JG, Kang SM, **Shin EC**. Tumour-infiltrating bystander CD8⁺ T cells activated by IL-15 contribute to tumour control in non-small cell lung cancer. *Thorax* 77:769-780, 2022
6. Lee H, Jeong S, **Shin EC**. Significance of bystander T cell activation in microbial infection. *Nat Immunol* 23:13-22, 2022