

CURRICULUM VITAE

Yeong Jun Kim

kyj1994@korea.ac.kr

I. EDUCATION

2013-2017	B.S. in Biotechnology and Bioinformatics	Korea University, Republic of Korea
2018-2025	Ph.D. in Molecular Virology	Korea University, Republic of Korea

*Dissertation title: Molecular Studies on KSHV-mediated Malignancies and the Development of Multivalent Dengue Virus Vaccine

*Adviser: Hye-Ra Lee, Ph.D.

II. HONORS AND AWARDS

2021	Excellent Paper Award	Korea University Graduate School
2022	Travel Award	24 th International KSHV Conference
2023	Excellent Poster Award	2023 Annual Joint Conference, The Korean Society of Virology

III. PUBLICATIONS

1. Yu, H. R., **Kim, Y. J.** & Lee, H.-R. KSHV vIRF4 enhances BCL6 transcription via downregulation of IRF4 expression. *Biochemical and Biophysical Research Communications* 496, 1128–1133 (2018).
2. **Kim, Y. J.** et al. Kaposi's sarcoma-associated herpesvirus latency-associated nuclear antigen dysregulates expression of MCL-1 by targeting FBW7. *PLOS Pathogens* 17, e1009179 (2021).
3. **Kim, Y. J.**, Jang, U. S., Soh, S. M., Lee, J.-Y. & Lee, H.-R. The Impact on Infectivity and Neutralization Efficiency of SARS-CoV-2 Lineage B.1.351 Pseudovirus. *Viruses* 13, 633 (2021).
4. Soh, S. M., **Kim, Y. J.**, Kim, C., Jang, U. S. & Lee, H.-R. The rapid adaptation of SARS-CoV-2—rise of the variants: transmission and resistance. *Journal of Microbiology* 59, 807–818 (2021).
5. Soh, S.-M., **Kim, Y. J.**, Kim, H.-H. & Lee, H.-R. Modulation of Ubiquitin Signaling in Innate Immune Response by Herpesviruses. *International Journal of Molecular Sciences* 23, 492 (2022).
6. Cho, Y., Lee, C., Park, S., **Kim, Y.**, Lee, Y., Lee, S., Yoon, S., Roh, G., Ha, D., Oh, A., Cho, K., Lee, J., Park, H., Lee, H., & Nam, J. Design and immunogenicity of a quadrivalent mRNA vaccine targeting HSV-2 with comparative evaluation of co-formulated and admixed formulations. *Frontiers in Immunology*, 16, 1712691 (2025).
7. **Kim YJ.**, Jeong SJ, Lee HR. Functional characterization of spike RBD mutations in SARS-CoV-2 Omicron-derived subvariants KP.3.1.1, LP.8.1, and NB.1.8.1. *J. Microbiol.* 64(4):e2511014. (2026)
8. **Kim, Y.J.**, Das, M., Song, J. et al. Targeting a genomic RNA G-quadruplex of dengue virus with small molecules as an alternative to protein-targeted therapeutics. *J Biomed Sci* 33, 55 (2026).

IV. CONFERENCE PRESENTATIONS

2019	Oral Presentation	2019 Annual Joint Conference, The Korean Society of Virology
2019	Poster Presentation	46 th Annual Meeting & International Symposium The Korean Society of Microbiology and Biotechnology
2022	Oral Presentation	24 th International KSHV Conference
2022	Oral Presentation	2022 Annual Joint Conference, The Korean Society of Virology
2023	Poster Presentation	2023 Annual Joint Conference, The Korean Society of Virology

V. PATENTS

1. Hye-Ra Lee and **Yeong Jun Kim**, vIRF3-derived Peptide and Use Thereof for Preventing or Treating Cancer., Republic of Korea patent, KR20230156270A, 14 November, 2023
2. Hye-Ra Lee and **Yeong Jun Kim**, Mosaic multivalent dengue virus antigen-displaying mi3-nanoparticle, pan-serotype vaccine and pharmaceutical composition comprising the same, PCT/KR2025/012538, 19 August, 2025

VI. FUNDING

1. **Yeong Jun Kim**, RS-2024-00406650, Ministry of Education, Republic of Korea (2024)
Title: Study on Molecular Mechanism of KSHV-mediated Necroptosis Regulation