

Prof. LEE, KEUN HWA PhD

I am a professor at the Department of Microbiology Hanyang University College of Medicine and am studying about new emerging infectious diseases like SFTS.

Publications

1. Hantaan Virus (HTNV) Human Infection on Jeju Island, South Korea: Unique Phylogeny and Epidemiology of HTNV. *J Med Virol.* 2025 Mar;97(3):e70305. corresponding author.
2. Targeted deletion of CD244 on monocytes promotes differentiation into anti-tumorigenic macrophages and potentiates PD-L1 blockade in melanoma. *Mol Cancer.* 2024 Feb 29;23(1):45. corresponding author.
3. Fatal outcome of severe fever with thrombocytopenia syndrome (SFTS) and severe and critical. COVID-19 is associated with the hyperproduction of IL-10 and IL-6 and the low production of TGF- β . *J Med Virol.* 2023;95:e28894. corresponding author.
4. Tocilizumab therapy for IL-6 increment in a patient with non-fatal severe fever with thrombocytopenia syndrome. *Int J Infect Dis.* 2022 Sep;122:656-658. corresponding author.
5. IL-6 and IL-10 levels, rather than viral load and neutralizing antibody titers, determine the fate of patients with severe fever with thrombocytopenia syndrome virus infection in South Korea. *Front Immunol.* 2021 Aug 17;12:711847. corresponding author.
6. Neutralizing antibodies to severe fever with thrombocytopenia syndrome virus among survivors, non-survivors and healthy residents in South Korea. *Front Cell Infect Microbiol.* 2021 Mar 23;11:649570. corresponding author.
7. Severe Fever with Thrombocytopenia Syndrome Virus in Ticks and Incidence of Severe Fever with Thrombocytopenia Syndrome in Korea. *Emerg Infect Dis.* 2020 Sep;26(9):2292-2294, corresponding author.
8. Genotypic heterogeneity of *Orientia tsutsugamushi* in scrub typhus patients and coinfection with severe fever with thrombocytopenia syndrome virus in Myanmar. *Emerg Infect Dis.* 2020 Aug;26(8):1878-1881, corresponding author.

9. Fever with Thrombocytopenia Syndrome Virus Infection or Mixed Infection with Scrub Typhus in South Korea in 2000-2003. *Am. J. Trop. Med. Hyg.*, 101(5), 2019, pp. 1096–1099, corresponding author.
10. Occupational Risk of Severe Fever with Thrombocytopenia Syndrome in Healthcare Workers. *Open Forum Infect Dis.* 2019 May 6;6(5):ofz210, corresponding author.
11. Endemic Severe Fever with Thrombocytopenia Syndrome in Vietnam. *Emerg Infect Dis.* 2019 May;25(5):1029-1031, corresponding author.
12. Severe Fever with Thrombocytopenia Syndrome Virus Infection, South Korea, 2010. *Emerg Infect Dis.* 2018 Nov;24(11):2103-2105, corresponding author.
13. Mixed infection with Severe Fever with Thrombocytopenia Syndrome Virus and Two Genotypes of Scrub Typhus in a Patient, South Korea, 2017. *Am. J. Trop. Med. Hyg.* 2018, 99(2):287-290, corresponding author.
14. Family Cluster Analysis of Severe Fever with Thrombocytopenia Syndrome Virus Infection in Korea *Am. J. Trop. Med. Hyg.* 2016, 95(6):1351-1357, corresponding author.
15. Severe Fever with Thrombocytopenia Syndrome in Patients Suspected of Having Scrub Typhus. *Emerging Infectious Diseases.* 2016, 22 (11):1992-1995, corresponding author.
16. Phylogenetic Analysis of Severe Fever with Thrombocytopenia Syndrome Virus in South Korea and Migratory Bird Routes Between China, South Korea, and Japan. *Am J Trop Med Hyg.* 2015, 93:468-474, corresponding author.