



Leslie Chan

Ph.D. Student in Immunology, admitted Autumn 2020

Publications

PUBLICATIONS

- **Interferon stimulation and NKG2D expression drive enhanced natural killer cell antibody-dependent cellular cytotoxicity against viral infections.** *Journal of leukocyte biology*
Chan, L., Pinedo, K., Yang, S., Blomkalns, A. L., Nadeau, K. C., Rogers, A. J., Blish, C. A.
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- **Dysregulated regulatory T cell response in immunosuppressed individuals is associated with increased inflammation in COVID-19 breakthrough infections**
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OXFORD UNIV PRESS.2025
- **Prior vaccination prevents overactivation of innate immune responses during COVID-19 breakthrough infection.** *Science translational medicine*
Chan, L., Pinedo, K., Stabile, M. A., Hamlin, R. E., Pienkos, S. M., Ratnasiri, K., Yang, S., Blomkalns, A. L., Nadeau, K. C., Pulendran, B., O'Hara, R., Rogers, A. J., Holmes, et al
2025; 17 (783): eadq1086
- **Sex differences and immune correlates of Long Covid development, symptom persistence, and resolution.** *Science translational medicine*
Hamlin, R. E., Pienkos, S. M., Chan, L., Stabile, M. A., Pinedo, K., Rao, M., Grant, P., Bonilla, H., Holubar, M., Singh, U., Jacobson, K. B., Jagannathan, P., Maldonado, et al
2024; 16 (773): eadr1032
- **Sex differences and immune correlates of Long COVID development, persistence, and resolution.** *bioRxiv : the preprint server for biology*
Hamlin, R. E., Pienkos, S. M., Chan, L., Stabile, M. A., Pinedo, K., Rao, M., Grant, P., Bonilla, H., Holubar, M., Singh, U., Jacobson, K. B., Jagannathan, P., Maldonado, et al
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- **Rapid recruitment and IFN-I-mediated activation of monocytes dictate focal radiotherapy efficacy.** *Science immunology*
Tadepalli, S., Clements, D. R., Saravanan, S., Arroyo Hornero, R., Lüdtke, A., Blackmore, B., Paulo, J. A., Gottfried-Blackmore, A., Seong, D., Park, S., Chan, L., Kopecky, B. J., Liu, et al
2023; 8 (84): eadd7446