



Emma Esterman

Ph.D. Student in Microbiology and Immunology, admitted Autumn 2022

Publications

PUBLICATIONS

- **Structural and mechanistic basis of neutralization by a pan-hantavirus protective antibody** *SCIENCE TRANSLATIONAL MEDICINE*
Mittler, E., Serris, A., Esterman, E. S., Florez, C., Polanco, L. C., O'Brien, C. M., Slough, M. M., Tynell, J., Groning, R., Sun, Y., Abelson, D. M., Wec, A. Z., Haslwanter, et al
2023; 15 (700)
- **Potently neutralizing and protective anti-human metapneumovirus antibodies target diverse sites on the fusion glycoprotein.** *Immunity*
Rappazzo, C. G., Hsieh, C. L., Rush, S. A., Esterman, E. S., Delgado, T., Geoghegan, J. C., Wec, A. Z., Sakharkar, M., Más, V., McLellan, J. S., Walker, L. M.
2022
- **Evolution of DNA packaging in gene transfer agents** *VIRUS EVOLUTION*
Esterman, E. S., Wolf, Y., Kogay, R., Koonin, E., Zhaxybayeva, O.
2021; 7 (1): veab015
- **Prolonged evolution of the human B cell response to SARS-CoV-2 infection** *SCIENCE IMMUNOLOGY*
Sakharkar, M., Rappazzo, C., Wieland-Alter, W. F., Hsieh, C., Wrapp, D., Esterman, E. S., Kaku, C., Wec, A. Z., Geoghegan, J. C., McLellan, J. S., Connor, R., Wright, P. F., Walker, et al
2021; 6 (56)