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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **Identifying key interactions of monoclonal antibodies that target the HuCoV-HKU1 spike using cryo-EM**
Vasquez, S., Wang, L., Joseph, J., Wrapp, D., Eso, M. R., Kong, W., Corbett-Helaire, K. S., Barnes, C. O.
CELL PRESS.2026
- **Oriented Multivalent Display Drives Consistent Serum Immunodominance to the Ebola Virus Glycoprotein.** *ACS central science*
Zheng, C., Rubio, A. A., Vasquez, S., Pham, D., Pan, Z., Barnes, C. O., Kim, P. S.
2026; 12 (1): 100-110
- **Oriented Multivalent Display Drives Consistent Serum Immunodominance to the Ebola Virus Glycoprotein** *ACS CENTRAL SCIENCE*
Zheng, C., Rubio, A. A., Vasquez, S., Pham, D., Pan, Z., Barnes, C. O., Kim, P. S.
2026
- **Human Coronavirus HKU1 Neutralizing Monoclonal Antibodies Target Diverse Epitopes Within and Around the TMPRSS2 Receptor Binding Site.** *bioRxiv : the preprint server for biology*
Wang, L., Joseph, J., Vasquez, S., Wrapp, D., Sheahan, T. P., Dzuovor, C. K., Rosen, O., Kirchdoerfer, R. N., Abiona, O. M., Hammond, C., Shi, W., Moak, S. P., Kong, et al
2025
- **Structural investigations of the cytosolic iron-sulfur cluster assembly pathway late acting proteins**
Vasquez, S., Marquez, M. M., Buzuk, A., Drennan, C. L., Perlstein, D. L.
CELL PRESS.2024: 446A
- **Structural and biochemical investigations of a HEAT-repeat protein involved in the cytosolic iron-sulfur cluster assembly pathway** *COMMUNICATIONS BIOLOGY*
Vasquez, S., Marquez, M. D., Brignole, E. J., Vo, A., Kong, S., Park, C., Perlstein, D. L., Drennan, C. L.
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