

## Yik Ling Bowie Cheng

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### Publications

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#### PUBLICATIONS

- **Pharmacologic glycoengineering of Fcγ receptor IIIa enhances force-resistant IgG-FcγR interactions and anti-tumor antibody efficacy.** *Immunity*  
Cheng, B. Y., Centeio, R. M., Chiu, D. K., Kiyohara, C. L., Herzog, E., Dahan, R., Thomas, W. E., Wang, T. T.  
2026
- **Tumor-derived erythropoietin acts as an immunosuppressive switch in cancer immunity.** *Science (New York, N.Y.)*  
Chiu, D. K., Zhang, X., Cheng, B. Y., Liu, Q., Hayashi, K., Yu, B., Lee, R., Zhang, C., An, X., Rajadas, J., Reticker-Flynn, N. E., Rankin, E. B., Engleman, et al  
2025; 388 (6745): eadr3026
- **Sialylated IgG induces the transcription factor REST in alveolar macrophages to protect against lung inflammation and severe influenza disease.** *Immunity*  
Chakraborty, S., Cheng, B. Y., Edwards, D. L., Gonzalez, J. C., Chiu, D. K., Zheng, H., Scallan, C., Guo, X., Tan, G. S., Coffey, G. P., Conley, P. B., Hume, P. S., Janssen, et al  
2024
- **Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity.** *Science translational medicine*  
Chakraborty, S., Gonzalez, J. C., Sievers, B. L., Mallajosyula, V., Chakraborty, S., Dubey, M., Ashraf, U., Cheng, B. Y., Kathale, N., Tran, K. Q., Scallan, C., Sinnott, A., Cassidy, et al  
1800: eabm7853