

Weili Miao

Basic Life Research Scientist, Dermatology

Bio

LINKS

- Khavari Lab: <http://khavarilab.stanford.edu>

Publications

PUBLICATIONS

- **Glucose dissociates DDX21 dimers to regulate mRNA splicing and tissue differentiation.** *Cell*
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- **Analyzing RNA-Protein Interactions by Cross-Link Rates and CLIP-seq Libraries.** *Current protocols*
Porter, D. F., Garg, R. M., Meyers, R. M., Miao, W., Ducoli, L., Zarnegar, B. J., Khavari, P. A.
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- **PROBER identifies proteins associated with programmable sequence-specific DNA in living cells.** *Nature methods*
Mondal, S., Ramanathan, M., Miao, W., Meyers, R. M., Rao, D., Lopez-Pajares, V., Siprashvili, Z., Reynolds, D. L., Porter, D. F., Ferguson, I., Neela, P., Zhao, Y., Meservey, et al
2022; 19 (8): 959-968
- **The surfaceome of multiple myeloma cells suggests potential immunotherapeutic strategies and protein markers of drug resistance.** *Nature communications*
Ferguson, I. D., Patiño-Escobar, B., Tuomivaara, S. T., Lin, Y. T., Nix, M. A., Leung, K. K., Kasap, C., Ramos, E., Nieves Vasquez, W., Talbot, A., Hale, M., Naik, A., Kishishita, et al
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- **Targeted Proteomic Approaches for Proteome-Wide Characterizations of the AMP-Binding Capacities of Kinases.** *Journal of proteome research*
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- **The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation.** *PLoS pathogens*
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2021; 17 (10): e1009412
- **SARS-CoV-2 B.1.1.7 and B.1.351 spike variants bind human ACE2 with increased affinity.** *The Lancet. Infectious diseases*
Ramanathan, M., Ferguson, I. D., Miao, W., Khavari, P. A.
2021
- **easyCLIP analysis of RNA-protein interactions incorporating absolute quantification.** *Nature communications*
Porter, D. F., Miao, W., Yang, X., Goda, G. A., Ji, A. L., Donohue, L. K., Aleman, M. M., Dominguez, D., Khavari, P. A.
2021; 12 (1): 1569
- **SARS-CoV-2 B.1.1.7 and B.1.351 Spike variants bind human ACE2 with increased affinity.** *bioRxiv : the preprint server for biology*
Ramanathan, M., Ferguson, I. D., Miao, W., Khavari, P. A.
2021

- **The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation.** *bioRxiv : the preprint server for biology*
Meyers, J. M., Ramanathan, M., Shanderson, R. L., Donohue, L., Ferguson, I., Guo, M. G., Rao, D. S., Miao, W., Reynolds, D., Yang, X., Zhao, Y., Yang, Y. Y., Wang, et al
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