

Xue Yang

Postdoctoral Scholar, Pathology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , CANBI-PHD (2024)
- PhD, Stanford University , Cancer Biology Program (2024)

STANFORD ADVISORS

- Christoph Thaiss, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Disease-linked regulatory DNA variants and homeostatic transcription factors in epidermis.** *Nature communications*
Porter, D. F., Meyers, R. M., Miao, W., Reynolds, D. L., Hong, A. W., Yang, X., Srinivasan, S., Mondal, S., Siprashvili, Z., Fabo, T., Zhou, R., Nguyen, T., Ducoli, et al
2025; 16 (1): 8387
- **Interactions Between Dietary Metabolites and Regulatory Risk Variants for Human Colon Cancer.** *bioRxiv : the preprint server for biology*
Fabo, T. N., Meyers, R. M., Padhi, E., Kellman, L. N., Zhao, Y., Kundu, S., Reynolds, D. L., Chen, Z., Yang, X., Ko, L., Elfaki, I., Montgomery, S. B., Khavari, et al
2025
- **In vivo CRISPRi screen reveals lncRNA portfolio crucial for cutaneous squamous cell carcinoma tumor growth.** *The Journal of investigative dermatology*
Kim, G., Siprashvili, Z., Yang, X., Meyers, J. M., Ji, A., Khavari, P. A., Ducoli, L.
2025
- **Glucose modulates IRF6 transcription factor dimerization to enable epidermal differentiation.** *Cell stem cell*
Lopez-Pajares, V., Bhaduri, A., Zhao, Y., Gowrishankar, G., Donohue, L. K., Guo, M. G., Siprashvili, Z., Miao, W., Nguyen, D. T., Yang, X., Li, A. M., Tung, A. S., Shanderson, et al
2025
- **The Adhesion GPCR ADGRL2 engages Ga13 to Enable Epidermal Differentiation.** *bioRxiv : the preprint server for biology*
Yang, X., He, F., Porter, D. F., Garbett, K., Meyers, R. M., Reynolds, D. L., Bui, D. L., Hong, A., Ducoli, L., Siprashvili, Z., Lopez-Pajares, V., Mondal, S., Ko, et al
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- **Functional analysis of cancer-associated germline risk variants.** *Nature genetics*
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- **Integrative analyses highlight functional regulatory variants associated with neuropsychiatric diseases.** *Nature genetics*
Guo, M. G., Reynolds, D. L., Ang, C. E., Liu, Y., Zhao, Y., Donohue, L. K., Siprashvili, Z., Yang, X., Yoo, Y., Mondal, S., Hong, A., Kain, J., Meservey, et al
2023

- **Single-Cell and Spatial Transcriptomic Analysis of Human Skin Delineates Intercellular Communication and Pathogenic Cells.** *The Journal of investigative dermatology*
Thrane, K., Winge, M. C., Wang, H., Chen, L., Guo, M. G., Andersson, A., Abalo, X. M., Yang, X., Kim, D. S., Longo, S. K., Soong, B. Y., Meyers, J. M., Reynolds, et al
2023
- **The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation.** *PLoS pathogens*
Meyers, J. M., Ramanathan, M., Shanderson, R. L., Beck, A., Donohue, L., Ferguson, I., Guo, M. G., Rao, D. S., Miao, W., Reynolds, D., Yang, X., Zhao, Y., Yang, et al
2021; 17 (10): e1009412
- **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
- **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
2021
- **Genetic and genomic studies of pathogenic EXOSC2 mutations in the newly described disease SHRF implicate the autophagy pathway in disease pathogenesis.** *Human molecular genetics*
Yang, X., Bayat, V., DiDonato, N., Zhao, Y., Zarnegar, B., Siprashvili, Z., Lopez-Pajares, V., Sun, T., Tao, S., Li, C., Rump, A., Khavari, P., Lu, et al
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