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Bio

STANFORD ADVISORS

- Dmitri Petrov, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Tumor suppressor genotype influences the extent and mode of immunosurveillance in lung cancer.** *Nature communications*
Adler, K. M., Xu, H., Gladstein, A. C., Irizarry-Negron, V. M., Robertson, M. R., Doerig, K. R., Petrov, D. A., Winslow, M. M., Feldser, D. M.
2026
- **Genetic determinants of gene expression noise and its role in complex trait variation.** *Cell reports*
Long, Y., Ni, X., Chen, T., Huang, X., Hong, Q., Wang, J., Wang, C., Huang, Z., Xu, H., Sun, M., Pang, J., Choi, J., Zhang, et al
2025; 44 (12): 116612
- **Functional mapping of epigenomic regulators uncovers coordinated tumor suppression by the HBO1 and MLL1 complexes.** *Cancer discovery*
Tang, Y. J., Xu, H., Hughes, N. W., Ruiz, P., Kim, S. H., Shuldiner, E. G., Lopez, S. S., Hebert, J. D., Karmakar, S., Andrejka, L., Dolcen, D. N., Boross, G., Chu, et al
2025
- **Efficient and multiplexed somatic genome editing with Cas12a mice.** *Nature biomedical engineering*
Hebert, J. D., Xu, H., Tang, Y. J., Ruiz, P. A., Detrick, C. R., Wang, J., Hughes, N. W., Donosa, O., Siah, V. P., Andrejka, L., Karmakar, S., Aboiralor, I., Tang, et al
2025
- **Integrative multiomic approaches reveal ZMAT3 and p21 as conserved hubs in the p53 tumor suppression network.** *Cell death and differentiation*
Boutelle, A. M., Mabene, A. R., Yao, D., Xu, H., Wang, M., Tang, Y. J., Lopez, S. S., Sinha, S., Demeter, J., Cheng, R., Benard, B. A., McCrea, E. M., Valente, et al
2025
- **A STAG2-PAXIP1/PAGR1 axis suppresses lung tumorigenesis.** *The Journal of experimental medicine*
Ashkin, E. L., Tang, Y. J., Xu, H., Hung, K. L., Belk, J. A., Cai, H., Lopez, S. S., Dolcen, D. N., Hebert, J. D., Li, R., Ruiz, P. A., Keal, T., Andrejka, et al
2025; 222 (1)
- **Chance promoter activities illuminate the origins of eukaryotic intergenic transcriptions.** *Nature communications*
Xu, H., Li, C., Xu, C., Zhang, J.
2023; 14 (1): 1826