



Kristle Garcia

Ph.D. Student in Genetics, admitted Autumn 2022

Publications

PUBLICATIONS

- **The GENEVA platform models tumor mosaicism to reveal variations of responses to KRAS inhibitors and identify improved drug combinations** *NATURE CANCER*
Yu, J. X., Suh, J., Popova, K. D., Garcia, K., Joshi, T., Culbertson, B., Spinelli, J. B., Subramanyam, V., Lou, K., Charbonneau, T., Shokat, K. M., Weissman, J., Goodarzi, et al
2026
- **Learning chemical sensitivity reveals mechanisms of cellular response** *COMMUNICATIONS BIOLOGY*
Connell, W., Garcia, K., Goodarzi, H., Keiser, M. J.
2024; 7 (1): 1149
- **Systematic annotation of orphan RNAs reveals blood-accessible molecular barcodes of cancer identity and cancer-emergent oncogenic drivers.** *bioRxiv : the preprint server for biology*
Wang, J., Suh, J. M., Woo, B. J., Navickas, A., Garcia, K., Yin, K., Fish, L., Cavazos, T., Hanisch, B., Markett, D., Yu, S., Hirst, G., Brown-Swigart, et al
2024
- **Learning chemical sensitivity reveals mechanisms of cellular response.** *bioRxiv : the preprint server for biology*
Connell, W., Garcia, K., Goodarzi, H., Keiser, M. J.
2023
- **A sense-antisense RNA interaction promotes breast cancer metastasis via regulation of NQO1 expression** *NATURE CANCER*
Culbertson, B., Garcia, K., Markett, D., Asgharian, H., Chen, L., Fish, L., Navickas, A., Yu, J., Woo, B., Nanda, A., Choi, B., Zhou, S., Rabinowitz, et al
2023: 682-698
- **An mRNA processing pathway suppresses metastasis by governing translational control from the nucleus.** *Nature cell biology*
Navickas, A., Asgharian, H., Winkler, J., Fish, L., Garcia, K., Markett, D., Dodel, M., Culbertson, B., Miglani, S., Joshi, T., Yin, K., Nguyen, P., Zhang, et al
2023
- **Small but mighty: microexons in glucose homeostasis.** *Trends in genetics : TIG*
Garcia, K., Gloyn, A. L.
2023
- **Postmortem Human Dura Mater Cells Exhibit Phenotypic, Transcriptomic and Genetic Abnormalities that Impact their Use for Disease Modeling.** *Stem cell reviews and reports*
Argouarch, A. R., Schultz, N., Yang, A. C., Jang, Y., Garcia, K., Cosme, C. G., Corrales, C. I., Nana, A. L., Karydas, A. M., Spina, S., Grinberg, L. T., Miller, B., Wyss-Coray, et al
2022
- **A prometastatic splicing program regulated by SNRPA1 interactions with structured RNA elements** *SCIENCE*

Fish, L., Khoroshkin, M., Navickas, A., Garcia, K., Culbertson, B., Hanisch, B., Zhang, S., Nguyen, H. C. B., Soto, L. M., Dermit, M., Mardakheh, F. K., Molina, H., Alarcon, et al
2021; 372 (6543): 702-+

● **RBMS1 Suppresses Colon Cancer Metastasis through Targeted Stabilization of Its mRNA Regulon** *CANCER DISCOVERY*

Yu, J., Navickas, A., Asgharian, H., Culbertson, B., Fish, L., Garcia, K., Olegario, J., Dermit, M., Dodel, M., Hanisch, B., Luo, Y., Weinberg, E. M., Dienstmann, et al
2020; 10 (9): 1410-1423