



## Katherine (Tin Heng) Liu

Ph.D. Student in Biology, admitted Autumn 2019

### Publications

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#### PUBLICATIONS

- **Cell volume expansion and local contractility drive collective invasion of the basement membrane in breast cancer.** *Nature materials*  
Chang, J., Saraswathibhatla, A., Song, Z., Varma, S., Sanchez, C., Alyafei, N. H., Indana, D., Slyman, R., Srivastava, S., Liu, K., Bassik, M. C., Marinkovich, M. P., Hodgson, et al  
2023
- **Deterministic evolution and stringent selection during preneoplasia.** *Nature*  
Karlsson, K., Przybilla, M. J., Kotler, E., Khan, A., Xu, H., Karagyzova, K., Sockell, A., Wong, W. H., Liu, K., Mah, A., Lo, Y. H., Lu, B., Houlihan, et al  
2023
- **Pathogenic or benign?** *Nature biotechnology*  
Du, P. P., Liu, K., Bassik, M. C., Hess, G. T.  
2022
- **Inter-cellular CRISPR screens reveal regulators of cancer cell phagocytosis.** *Nature*  
Kamber, R. A., Nishiga, Y., Morton, B., Banuelos, A. M., Barkal, A. A., Vences-Catalan, F., Gu, M., Fernandez, D., Seoane, J. A., Yao, D., Liu, K., Lin, S., Spees, et al  
2021
- **The RUNX1-ETO target gene RASSF2 suppresses t(8;21) AML development and regulates Rac GTPase signaling.** *Blood cancer journal*  
Stoner, S. A., Liu, K. T., Andrews, E. T., Liu, M. n., Arimoto, K. I., Yan, M. n., Davis, A. G., Weng, S. n., Dow, M. n., Xian, S. n., DeKolver, R. C., Carter, H. n., Zhang, et al  
2020; 10 (2): 16
- **Hippo kinase loss contributes to del(20q) hematologic malignancies through chronic innate immune activation** *BLOOD*  
Stoner, S. A., Yan, M., Liu, K., Arimoto, K., Shima, T., Wang, H., Johnson, D. T., Bejar, R., Jamieson, C., Guan, K., Zhang, D.  
2019; 134 (20): 1730–44