

Aditi Gnanasekar

- MD Student, expected graduation Spring 2027
- Ph.D. Student in Cancer Biology, admitted Autumn 2024
- MSTP Student

Bio

INSTITUTE AFFILIATIONS

- Chemistry Biology Interface Fellow, Sarafan ChEM-H

Publications

PUBLICATIONS

- **Genetic elements promote retention of extrachromosomal DNA in cancer cells.** *Nature*
Sankar, V., Hung, K. L., Gnanasekar, A., Wong, I. T., Shi, Q., Kraft, K., Jones, M. G., He, B. J., Yan, X., Belk, J. A., Liu, K. J., Agarwal, S., Wang, et al
2025
- **Breakage fusion bridge cycles drive high oncogene number with moderate intratumoural heterogeneity.** *Nature communications*
Raeisi Dehkordi, S., Wong, I. T., Ni, J., Luebeck, J., Zhu, K., Prasad, G., Krockenberger, L., Xu, G., Chowdhury, B., Rajkumar, U., Caplin, A.,
Muliaditan, D., Gnanasekar, et al
2025; 16 (1): 1497
- **Coordinated inheritance of extrachromosomal DNAs in cancer cells.** *Nature*
Hung, K. L., Jones, M. G., Wong, I. T., Curtis, E. J., Lange, J. T., He, B. J., Luebeck, J., Schmargon, R., Scanu, E., Bruckner, L., Yan, X., Li, R.,
Gnanasekar, et al
2024; 635 (8037): 201-209