



David Cheng-Hao Wang

- MD Student, expected graduation Spring 2023
- Ph.D. Student in Biology, admitted Autumn 2018
- MSTP Student

Bio

HONORS AND AWARDS

- Bowes Graduate Student Fellowship, Stanford Bio-X (2020-2023)

EDUCATION AND CERTIFICATIONS

- Bachelor of Arts, Princeton University , Molecular Biology (2014)

Publications

PUBLICATIONS

- **Loss of Rai1 enhances hippocampal excitability and epileptogenesis in mouse models of Smith-Magenis syndrome.** *Proceedings of the National Academy of Sciences of the United States of America*
Chang, Y., Kowalczyk, M., Fogerson, P. M., Lee, Y., Haque, M., Adams, E. L., Wang, D. C., DeNardo, L. A., Tessier-Lavigne, M., Huguenard, J. R., Luo, L., Huang, W.
2022; 119 (43): e2210122119
- **Novel NanoLuc substrates enable bright two-population bioluminescence imaging in animals.** *Nature methods*
Su, Y., Walker, J. R., Park, Y., Smith, T. P., Liu, L. X., Hall, M. P., Labanich, L., Hurst, R., Wang, D. C., Encell, L. P., Kim, N., Zhang, F., Kay, et al
2020
- **Early adolescent Rai1 reactivation reverses transcriptional and social interaction deficits in a mouse model of Smith-Magenis syndrome.** *Proceedings of the National Academy of Sciences of the United States of America*
Huang, W., Wang, D. C., Allen, W. E., Klope, M., Hu, H., Shamloo, M., Luo, L.
2018
- **RFWD3-Dependent Ubiquitination of RPA Regulates Repair at Stalled Replication Forks** *MOLECULAR CELL*
Elia, A. H., Wang, D. C., Willis, N. A., Boardman, A. P., Hajdu, I., Adeyemi, R. O., Lowry, E., Gygi, S. P., Scully, R., Elledge, S. J.
2015; 60 (2): 280–93
- **Quantitative Proteomic Atlas of Ubiquitination and Acetylation in the DNA Damage Response** *MOLECULAR CELL*
Elia, A. H., Boardman, A. P., Wang, D. C., Huttlin, E. L., Everley, R. A., Dephoure, N., Zhou, C., Koren, I., Gygi, S. P., Elledge, S. J.
2015; 59 (5): 867–81