

Rae Brown

Ph.D. Student in Biochemistry, admitted Autumn 2020

Publications

PUBLICATIONS

- **Phosphorylation of *Xenopus* M18BP1 governs centromeric localization and CENP-A nucleosome assembly.** *EMBO reports*
Brown, R. R., Schwartz, J. P., Ghadri, L., Straight, A. F.
2026
- **Regulation of *X. laevis* M18BP1 centromeric localization and CENP-A assembly.** *bioRxiv : the preprint server for biology*
Brown, R. R., Schwartz, J. P., Ghadri, L., Straight, A. F.
2025
- **Repression of CENP-A assembly in metaphase requires HJURP phosphorylation and inhibition by M18BP1.** *The Journal of cell biology*
Flores Servin, J. C., Brown, R. R., Straight, A. F.
2023; 222 (6)
- **DiMeLo-seq: a long-read, single-molecule method for mapping protein-DNA interactions genome wide.** *Nature methods*
Altemose, N., Maslan, A., Smith, O. K., Sundararajan, K., Brown, R. R., Mishra, R., Detweiler, A. M., Neff, N., Miga, K. H., Straight, A. F., Streets, A.
2022