

Stanford

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Ph.D. Student in Developmental Biology, admitted Autumn 2017

Publications

PUBLICATIONS

- **Disparate roles for *C. elegans* DNA translocase paralogs RAD-54.L and RAD-54.B in meiotic prophase germ cells.** *Nucleic acids research*
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2023
- **A new partial loss of function allele of *rad-54.L*.** *microPublication biology*
Akerib, C. C., Yokoo, R., Nsamba, E. T., Strand, L. G., Yamaya, K., Villeneuve, A. M.
2022; 2022
- ***Caenorhabditis elegans* DSB-3 reveals conservation and divergence among protein complexes promoting meiotic double-strand breaks** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Hinman, A. W., Yeh, H., Roelens, B., Yamaya, K., Woglar, A., Bourbon, H. G., Chi, P., Villeneuve, A. M.
2021; 118 (33)
- **Quantitative cytogenetics reveals molecular stoichiometry and longitudinal organization of meiotic chromosome axes and loops.** *PLoS biology*
Woglar, A. n., Yamaya, K. n., Roelens, B. n., Boettiger, A. n., Köhler, S. n., Villeneuve, A. M.
2020; 18 (8): e3000817
- **Super-resolution chromatin tracing reveals domains and cooperative interactions in single cells** *SCIENCE*
Bintu, B., Mateo, L. J., Su, J., Sinnott-Armstrong, N. A., Parker, M., Kinrot, S., Yamaya, K., Boettiger, A. N., Zhuang, X.
2018; 362 (6413): 419+