

Stanford



Celeste Riepe

Postdoctoral Scholar, Biology

Bio

PROFESSIONAL EDUCATION

- BA, Rice University , Biochemistry and Cell Biology (2013)
- Ph.D., University of California, Berkeley , Molecular and Cell Biology (2019)

STANFORD ADVISORS

- Ron Kopito, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Double stranded DNA breaks and genome editing trigger loss of ribosomal protein RPS27A** *FEBS JOURNAL*
Riepe, C., Zelin, E., Frankino, P. A., Meacham, Z. A., Fernandez, S. G., Ingolia, N. T., Corn, J. E.
2022; 289 (11): 3101-3114
- **Ribosomal protein RPL26 is the principal target of UFMylation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Walczak, C. P., Leto, D. E., Zhang, L., Riepe, C., Muller, R. Y., DaRosa, P. A., Ingolia, N. T., Elias, J. E., Kopito, R. R.
2019; 116 (4): 1299–1308
- **Multi-endpoint, High-Throughput Study of Nanomaterial Toxicity in *Caenorhabditis elegans*** *ENVIRONMENTAL SCIENCE & TECHNOLOGY*
Jung, S., Qu, X., Aleman-Meza, B., Wang, T., Riepe, C., Liu, Z., Li, Q., Zhong, W.
2015; 49 (4): 2477–85
- **QuantWorm: A Comprehensive Software Package for *Caenorhabditis elegans* Phenotypic Assays** *PLOS ONE*
Jung, S., Aleman-Meza, B., Riepe, C., Zhong, W.
2014; 9 (1): e84830