

## Scott Berger

Ph.D. Student in Biophysics, admitted Summer 2019

### Publications

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#### PUBLICATIONS

- **Visualizing the dynamics of DNA replication and repair at the single-molecule level.** *Methods in cell biology*  
Berger, S., Chistol, G.  
2024; 182: 109-165
- **Loop stacking organizes genome folding from TADs to chromosomes.** *Molecular cell*  
Hafner, A., Park, M., Berger, S. E., Murphy, S. E., Nora, E. P., Boettiger, A. N.  
2023; 83 (9): 1377
- **Pathway of Hsp70 interactions at the ribosome.** *Nature communications*  
Lee, K., Ziegelhoffer, T., Delewski, W., Berger, S. E., Sabat, G., Craig, E. A.  
2021; 12 (1): 5666
- **Effects of stress-induced increases of corticosterone on circulating triglyceride levels, biliverdin concentration, and heme oxygenase expression** *COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR & INTEGRATIVE PHYSIOLOGY*  
Butler, M. W., Armour, E. M., Minnick, J. A., Rossi, M. L., Schock, S. F., Berger, S. E., Hines, J. K.  
2020; 240: 110608
- **Three J-proteins impact Hsp104-mediated variant-specific prion elimination: a new critical role for a low-complexity domain** *CURRENT GENETICS*  
Berger, S. E., Nolte, A. M., Kamiya, E., Hines, J. K.  
2020; 66 (1): 51–58
- **Variant-specific and reciprocal Hsp40 functions in Hsp104-mediated prion elimination** *MOLECULAR MICROBIOLOGY*  
Astor, M. T., Kamiya, E., Sporn, Z. A., Berger, S. E., Hines, J. K.  
2018; 109 (1): 41–62