

Stanford



Lindsey Pack

Postdoctoral Research Fellow, Chemical and Systems Biology

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Ohio State University (2009)
- Doctor of Philosophy, University of California San Francisco (2016)

STANFORD ADVISORS

- Tobias Meyer, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Putting the brakes on the cell cycle: mechanisms of cellular growth arrest.** *Current opinion in cell biology*
Pack, L. R., Daigh, L. H., Meyer, T.
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- **EMI1 switches from being a substrate to an inhibitor of APC/CCDH1 to start the cell cycle.** *Nature*
Cappell, S. D., Mark, K. G., Garbett, D., Pack, L. R., Rape, M., Meyer, T.
2018
- **Opposing Chromatin Signals Direct and Regulate the Activity of Lysine Demethylase 4C (KDM4C).** *journal of biological chemistry*
Pack, L. R., Yamamoto, K. R., Fujimori, D. G.
2016; 291 (12): 6060-6070
- **Product Binding Enforces the Genomic Specificity of a Yeast Polycomb Repressive Complex** *CELL*
Dumesic, P. A., Homer, C. M., Moresco, J. J., Pack, L. R., Shanle, E. K., Coyle, S. M., Strahl, B. D., Fujimori, D. G., Yates, J. R., Madhani, H. D.
2015; 160 (1-2): 204-218
- **Presteady State Kinetic Investigation of the Incorporation of Anti-Hepatitis B Nucleotide Analogues Catalyzed by Noncanonical Human DNA Polymerases** *CHEMICAL RESEARCH IN TOXICOLOGY*
Brown, J. A., Pack, L. R., Fowler, J. D., Suo, Z.
2012; 25 (1): 225-233
- **Efficiency and fidelity of human DNA polymerases lambda and beta during gap-filling DNA synthesis** *DNA REPAIR*
Brown, J. A., Pack, L. R., Sanman, L. E., Suo, Z.
2011; 10 (1): 24-33
- **Pre-Steady-State Kinetic Analysis of the Incorporation of Anti-HIV Nucleotide Analogs Catalyzed by Human X- and Y-Family DNA Polymerases** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*
Brown, J. A., Pack, L. R., Fowler, J. D., Suo, Z.
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- **Identification of Critical Residues for the Tight Binding of Both Correct and Incorrect Nucleotides to Human DNA Polymerase lambda** *JOURNAL OF MOLECULAR BIOLOGY*

Brown, J. A., Pack, L. R., Sherrer, S. M., Kshetry, A. K., Newmister, S. A., Fowler, J. D., Taylor, J., Suo, Z.

2010; 403 (4): 505-515