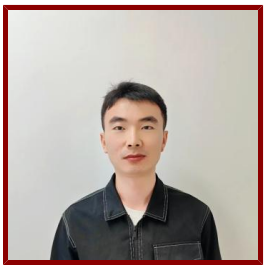
Stanford



Ning Lu

Postdoctoral Scholar, Biology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Chinese Academy Of Sciences (2021)
- Doctor, Institute of Plant Physiology and Ecology, Chinese Academy of Sciences , Microbiology

STANFORD ADVISORS

- Jan Skotheim, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Scaffold-Scaffold Interaction Facilitates Cell Polarity Development in Caulobacter crescentus** *MBIO*
  Lu, N., Duvall, S. W., Zhao, G., Kowallis, K. A., Zhang, C., Tan, W., Sun, J., Petitjean, H. N., Tomares, D. T., Zhao, G., Childers, W., Zhao, W.
  2023: e0321822
- **Phase separation modulates the assembly and dynamics of a polarity-related scaffold-signaling hub** *NATURE COMMUNICATIONS*
  Tan, W., Cheng, S., Li, Y., Li, X., Lu, N., Sun, J., Tang, G., Yang, Y., Cai, K., Li, X., Ou, X., Gao, X., Zhao, et al
  2022; 13 (1): 7181
- **Cdc13 is predominant over Stn1 and Ten1 in preventing chromosome end fusions** *ELIFE*
  Wu, Z., Liu, J., Man, X., Gu, X., Li, T., Cai, C., He, M., Shao, Y., Lu, N., Xue, X., Qin, Z., Zhou, J.
  2020; 9
- **Creating functional chromosome fusions in yeast with CRISPR-Cas9** *NATURE PROTOCOLS*
  Shao, Y., Lu, N., Xue, X., Qin, Z.
  2019; 14 (8): 2521-2545
- **A single circular chromosome yeast** *CELL RESEARCH*
  Shao, Y., Lu, N., Cai, C., Zhou, F., Wang, S., Zhao, Z., Zhao, G., Zhou, J., Xue, X., Qin, Z.
  2019; 29 (1): 87-89
- **CRISPR-Cas9 Facilitated Multiple-Chromosome Fusion in Saccharomyces cerevisiae** *ACS SYNTHETIC BIOLOGY*
  Shao, Y., Lu, N., Qin, Z., Xue, X.
  2018; 7 (11): 2706-2708
- **Creating a functional single-chromosome yeast** *NATURE*
  Shao, Y., Lu, N., Wu, Z., Cai, C., Wang, S., Zhang, L., Zhou, F., Xiao, S., Liu, L., Zeng, X., Zheng, H., Yang, C., Zhao, et al
  2018; 560 (7718): 331-+