Stanford



Theresa Endres

Postdoctoral Scholar, Chemical and Systems Biology

Bio

PROFESSIONAL EDUCATION

- Master of Science, Universitat Ulm (2016)
- Bachelor of Science, Universitat Ulm (2012)
- Doctor of Philosophy, Julius Maximilians Univsitat (2021)
- Ph.D., University of Wuerzburg , Biochemistry (2021)
- M. Sc., University of Ulm , Biochemistry (2015)
- B. Sc., University of Ulm , Biochemistry (2012)

STANFORD ADVISORS

- Karlene Cimprich, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **HLTF resolves G4s and promotes G4-induced replication fork slowing to maintain genome stability.** *Molecular cell*
  Bai, G., Endres, T., Kühbacher, U., Mengoli, V., Greer, B. H., Peacock, E. M., Newton, M. D., Stanage, T., Dello Stritto, M. R., Lungu, R., Crossley, M. P., Sathirachinda, A., Cortez, et al
  2024

- **MYC multimers shield stalled replication forks from RNA polymerase** *NATURE*
  Solvie, D., Baluapuri, A., Uhl, L., Fleischhauer, D., Endres, T., Papadopoulos, D., Aziba, A., Gabella, A., Mikicic, I., Isaakova, E., Giansanti, C., Jansen, J., Jungblut, et al
  2022: 148-155

- **MYC promotes immune-suppression in triple-negative breast cancer via inhibition of interferon signaling.** *Nature communications*
  Zimmerli, D., Brambillasca, C. S., Talens, F., Bhin, J., Linstra, R., Romanens, L., Bhattacharya, A., Joosten, S. E., Da Silva, A. M., Padrao, N., Wellenstein, M. D., Kersten, K., de Boo, et al
  2022; 13 (1): 6579

- **MYCN recruits the nuclear exosome complex to RNA polymerase II to prevent transcription-replication conflicts** *MOLECULAR CELL*
  Papadopoulos, D., Solvie, D., Baluapuri, A., Endres, T., Ha, S., Herold, S., Kalb, J., Giansanti, C., Schuelein-Voelk, C., Ade, C., Schneider, C., Gaballa, A., Vos, et al
  2022; 82 (1): 159-+

- **Ubiquitylation of MYC couples transcription elongation with double-strand break repair at active promoters** *MOLECULAR CELL*
  Endres, T., Solvie, D., Heidelberger, J. B., Andrioletti, V., Baluapuri, A., Ade, C. P., Muhar, M., Eilers, U., Vos, S. M., Cramer, P., Zuber, J., Beli, P., Popov, et al
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- **MYC Recruits SPT5 to RNA Polymerase II to Promote Processive Transcription Elongation** *MOLECULAR CELL*

  Baluapuri, A., Hofstetter, J., Stankovic, N., Endres, T., Bhandare, P., Vos, S., Adhikari, B., Schwarz, J., Narain, A., Vogt, M., Wang, S., Duester, R., Jung, et al

  2019; 74 (4): 674-+