

## Theresa Reindl

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### Publications

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#### PUBLICATIONS

- **Crystal structures of cables formed by the acetylated and unacetylated forms of the *Schizosaccharomyces pombe* tropomyosin ortholog TpmCdc8** *JOURNAL OF BIOLOGICAL CHEMISTRY*  
Reinke, P. Y. A., Heiringhoff, R. S., Reindl, T., Baker, K., Taft, M. H., Meents, A., Mulvihill, D. P., Davies, O. R., Fedorov, R., Zahn, M., Manstein, D. J.  
2024; 300 (12): 107925
- **Broad-spectrum activity against mosquito-borne flaviviruses achieved by a targeted protein degradation mechanism.** *Nature communications*  
Liu, H. Y., Li, Z., Reindl, T., He, Z., Qiu, X., Golden, R. P., Donovan, K. A., Bailey, A., Fischer, E. S., Zhang, T., Gray, N. S., Yang, P. L.  
2024; 15 (1): 5179
- **The non-muscle actinopathy-associated mutation E334Q in cytoskeletal  $\gamma$ -actin perturbs interaction of actin filaments with myosin and ADF/cofilin family proteins** *ELIFE*  
Greve, J. N., Marquardt, A., Heiringhoff, R., Reindl, T., Thiel, C., Di Donato, N., Taft, M. H., Manstein, D. J.  
2024; 12
- **Distinct actin-tropomyosin cofilament populations drive the functional diversification of cytoskeletal myosin motor complexes** *SCIENCE*  
Reindl, T., Giese, S., Greve, J. N., Reinke, P. Y., Chizhov, I., Latham, S. L., Mulvihill, D. P., Taft, M. H., Manstein, D. J.  
2022; 25 (7): 104484
- **Mechanochemical properties of human myosin-1C are modulated by isoform-specific differences in the N-terminal extension** *JOURNAL OF BIOLOGICAL CHEMISTRY*  
Giese, S., Reindl, T., Reinke, P. Y. A., Zattelman, L., Fedorov, R., Henn, A., Taft, M. H., Manstein, D. J.  
2021; 296: 100128
- **Variants in exons 5 and 6 of ACTB cause syndromic thrombocytopenia** *NATURE COMMUNICATIONS*  
Latham, S. L., Ehmke, N., Reinke, P. Y. A., Taft, M. H., Eicke, D., Reindl, T., Stenzel, W., Lyons, M. J., Friez, M. J., Lee, J. A., Hecker, R., Fruehwald, M. C., Becker, et al  
2018; 9: 4250
- **Three mammalian tropomyosin isoforms have different regulatory effects on nonmuscle myosin-2B and filamentous beta-actin in vitro** *JOURNAL OF BIOLOGICAL CHEMISTRY*  
Pathan-Chhatbar, S., Taft, M. H., Reindl, T., Hundt, N., Latham, S. L., Manstein, D. J.  
2018; 293 (3): 863-875
- **Tropomyosin Isoforms Specify Functionally Distinct Actin Filament Populations In Vitro** *CURRENT BIOLOGY*  
Gateva, G., Kremneva, E., Reindl, T., Kotila, T., Kogan, K., Gressin, L., Gunning, P. W., Manstein, D. J., Michelot, A., Lappalainen, P.  
2017; 27 (5): 705-713