

Stanford



Alessio Fragasso

Postdoctoral Scholar, Biology

Bio

PROFESSIONAL EDUCATION

- Master of Science, Polytechnic University of Turin (2016)
- Bachelor of Science, Università Degli Studi Di Padova (2014)
- Doctor of Philosophy, Technische Universiteit Delft (2021)
- Master of Science, Polytechnic University of Turin, INP de Grenoble, EPFL (2016)

STANFORD ADVISORS

- Christine Jacobs-Wagner, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Glycogen phase separation drives macromolecular rearrangement and asymmetric division in E. coli.** *bioRxiv : the preprint server for biology*
Thappeta, Y., Cañas-Duarte, S. J., Kallem, T., Fragasso, A., Xiang, Y., Gray, W., Lee, C., Cegelski, L., Jacobs-Wagner, C.
2024
- **Diameter dependence of transport through nuclear pore complex mimics studied using optical nanopores.** *eLife*
Klughammer, N., Barth, A., Dekker, M., Fragasso, A., Onck, P. R., Dekker, C.
2024; 12
- **Dynamain A as a one-component division machinery for synthetic cells.** *Nature nanotechnology*
De Franceschi, N., Barth, R., Meindlhumer, S., Fragasso, A., Dekker, C.
2024; 19 (1): 70-76
- **Synthetic Membrane Shaper for Controlled Liposome Deformation** *ACS NANO*
De Franceschi, N., Pezeshkian, W., Fragasso, A., Bruininks, B. H., Tsai, S., Marrink, S. J., Dekker, C.
2022: 966-78
- **Transport receptor occupancy in nuclear pore complex mimics** *NANO RESEARCH*
Fragasso, A., de Vries, H. W., Andersson, J., van der Sluis, E. O., van der Giessen, E., Onck, P. R., Dekker, C.
2022; 15 (11): 9689-9703