Stanford



Ivana V. Bukvin

Postdoctoral Scholar, Biology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University College London (2023)
- Master of Science, Eberhard Karls Universitat Tubingen (2018)
- Bachelor of Science, University of Belgrade (2016)

STANFORD ADVISORS

- Judith Frydman, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Structures of protein folding intermediates on the ribosome.** *Nature structural & molecular biology*
  Chan, S. H., Streit, J. O., Włodarski, T., Mitropoulou, A. N., Cassaignau, A. M., Bukvin, I. V., Waudby, C. A., Cabrita, L. D., Christodoulou, J.
  2026; 33 (6): 962-972
- **Structural and mechanistic insights into translation dynamics in Huntington's disease**
  Abramovich, J., Lee, J., Bukvin, I., Aviner, R., Frost, A., Frydman, J.
  WILEY.2025
- **The ribosome lowers the entropic penalty of protein folding.** *Nature*
  Streit, J. O., Bukvin, I. V., Chan, S. H., Bashir, S., Woodburn, L. F., Wlodarski, T., Figueiredo, A. M., Jurkeviciute, G., Sidhu, H. K., Hornby, C. R., Waudby, C. A., Cabrita, L. D., Cassaignau, et al
  2024
- **Interactions between nascent proteins and the ribosome surface inhibit co-translational folding** *NATURE CHEMISTRY*
  Cassaignau, A. M. E., Wlodarski, T., Chan, S. H. S., Woodburn, L. F., Bukvin, I. V., Streit, J. O., Cabrita, L. D., Waudby, C. A., Christodoulou, J.
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