



Biophysicist, Protein Interaction Kinetics

Remote, full/part-time, Postdoc-to-senior

About us

We are an early stage, science driven startup building at the intersection of biology, data, and innovation. We are creating something ambitious from the ground up and are looking for people who enjoy working closely with the founder, taking ownership early, and helping build strong internal structures from day one.

The role

You will generate the kinetic ground truth our computational platform is calibrated against and then graded on: rate constants and cooperativity for multi-component protein complexes, on assay formats robust enough to serve as a calibration anchor rather than a talking point.

A prediction tolerance is meaningless without an honest error budget. Establishing that budget, and defending it, is part of the job.

What you will do

- Develop and run kinetic assays on multi-protein complexes
- Generate the dataset used for model calibration and held-out validation
- Design assay strategy and quantify measurement uncertainty explicitly
- Work closely with protein production on sample quality, and with the computational team on which quantities are physically measurable

What you will bring

- PhD in biophysics, biochemistry or a related field with substantial SPR experience
- Multi-component kinetic analysis, not solely single-site affinity work
- Rigorous kinetic fitting, and the ability to distinguish real behaviour from instrument artefact
- Experience handling purified multi-protein complexes and their instabilities

Bonus: Orthogonal biophysics, ITC, BLI, mass photometry, thermal shift; prior cooperativity measurement on induced-proximity systems

What we offer

- The opportunity to join early and help build the company from the ground up
- Meaningful ownership and real responsibility from day one
- A fun, ambitious, and supportive startup environment
- Close collaboration with the founder and direct exposure to key business topics
- The chance to shape processes, ways of working, and how the company grows
- A fair share in the upside of what we are building together

How to apply

Please send your CV and a short motivation letter to contact@mithryon.com.