



Quantitative Proteomics Scientist

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 quantitative, site-resolved post-translational modification maps for a set of degrader systems, resolving distinctions that most published workflows do not attempt and that our modelling specifically requires. You will also own the harder methodological question behind them, which is how much of any such measurement is real and how much is an artefact of the workflow.

We want these numbers reported the way the data support them, with orthogonal confirmation. Overstated occupancy would invalidate the calibration it feeds.

What you will do

- Develop and run enrichment-based quantitative LC-MS/MS to produce site-resolved modification maps
- Resolve modification states that standard single-protease workflows conflate
- Characterise, document and correct for workflow bias
- Confirm key sites by orthogonal mutagenesis across multiple systems
- Perform mechanistic confirmation on lead compounds from the prospective campaign

Your profile

- PhD in proteomics, analytical chemistry or biochemistry with post-PhD experience
- Hands-on PTM enrichment and quantitative LC-MS/MS on high-resolution instruments
- Multi-protease and non-tryptic workflow experience
- Clear-eyed about enrichment and digestion bias, and willing to report relative rather than absolute quantities where that is what the data support

Bonus: Multiplexed quantification, ubiquitin-pathway proteomics, method development published or adopted beyond your own lab

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.