



Scientist / Senior Scientist, Protein Engineering Platform

Manifold Bio is a well-funded, VC-backed biotech startup with a mission to invent next-generation technologies to design drugs that will improve and save patient lives. Our founders come from George Church's lab at Harvard Medical School and are innovators in leveraging DNA technologies and machine learning for protein engineering. We are located in the Pagliuca Harvard Life Lab, a well-equipped modern lab space with a rich community of companies building cutting-edge technologies.

Position

We are seeking a highly-motivated scientist who thrives in a fast-paced and creative environment. Together, we'll build multiplexed protein quantitation technologies that massively increase the throughput of testing protein therapeutic designs and disrupt the current paradigm of drug development. The ideal candidate will have deep technical expertise in protein engineering technologies and a track record of learning, deploying, and inventing new methods. You will work directly with the CSO to define, execute, and iterate on engineering projects and help build out an interdisciplinary team of scientists and engineers.

Responsibilities

- Develop novel protein engineering platform technologies, including multiplexed protein measurement assays
- Design and clone DNA libraries of synthetic proteins at megascale efficiency
- Leverage NGS technologies in ways that no one has done before
- Adapt existing protein engineering methods to validate and advance the platform
- Build out the lab and workflows in a way that optimizes productivity and efficiency

Required Qualifications

- PhD or equivalent experience in biology, biological engineering or a related field
- 5+ years hands-on molecular biology wet lab experience
- Experience in advanced cloning techniques (Type IIS, Gateway, Gibson, etc.)
- Collaborative, curious, flexible, and strong communication skills

Why you might be a good fit

- Experience with protein assays, e.g. production, purification, QC, Chromatography (Affinity, Size, Ionic etc) and detection (PAGE/ELISA/Blots), etc.
- Experience with phage/yeast/mammalian display or similar
- Experience with next-generation DNA sequencing library preparation
- Experience with Flow/FACS-based quantitative assays

If you're excited to build a platform that combines these technologies, please reach out to careers@manifold.bio.

We value different experiences and different ways of thinking and believe the most talented teams are built by bringing together people of diverse cultures, genders, and backgrounds.