

Position: Target and Biomarker Discovery Neuroscientist

Unravel Biosciences is a pre-clinical stage therapeutic discovery company spun out of the Wyss Institute at Harvard University with a mission to develop effective new treatments to improve the lives of CNS patients with unmet need. We integrate computational drug prediction with on-demand animal models and cutting-edge screening hardware to rapidly connect behavioral and cognitive symptoms to novel therapeutic targets and treatments.

We are looking for an experienced molecular biologist with a strong neuroscience background to lead our target and biomarker discovery and validation program, work within a dynamic, fast-paced team, and leverage the power of integrating computational and wet lab approaches into a uniquely effective discovery engine. If you are excited about discovering new drug targets using a completely new approach to drug discovery and coming up with better biomarkers in the CNS space, let's talk!

As an early-stage company employee, you will contribute to discoveries across our neurodevelopmental, neurodegenerative and mental health therapeutics programs, have the opportunity to influence our strategies and priorities, develop our growing toolkit of cutting-edge technologies spanning many scientific and engineering disciplines, and a chance to rapidly bring discoveries into the clinic.

Responsibilities:

- Lead target and biomarker discovery efforts in Rett syndrome and other CNS disorders by leveraging molecular biology, imaging, and omics tools
- Discover and validate novel targets using on-demand, *in vivo* functional genomics approaches
- Design *in vitro* and *in vivo* studies to evaluate and validate drug targets and biomarkers
- Assist in recruiting and mentoring the target and biomarker biology team as the company grows.
- Opportunity to participate in business development strategy and solutions.

Qualifications:

- Strong background in neuroscience, systems biology, immunology, or related fields, acquired through 6+ years of academic, post-academic, or industry experience.
- Related experience in bioengineering, genomics, and oncology will also be considered.
- Deep knowledge of neurological, inflammation, myopathy, and metabolic disorders is essential
- Proficient in laboratory skills, including immunofluorescence, epifluorescent and confocal microscopy, Western blotting and ELISAs, microplate-based kinetic assays, qPCR

- Experience designing in vivo studies and familiarity with RNAseq and proteomics sample prep highly desired
- Analysis of microscopy images, including use of publicly available image analysis software, is helpful
- Ability to work and communicate effectively across disciplines, including computer scientists, engineers, and clinicians.

Unravel is looking for the right candidate. We will consider a range of experience breadth and depth and adapt the role accordingly. We are located in Boston, MA. We offer competitive compensation and equity, flexible PTO, a fun, energetic, and honest team environment, and an opportunity to make meaningful contributions.

Interested? contact@unravel.bio