



Senior Research Associate, Cell Culture

Who is Lucy Therapeutics?

Lucy Therapeutics, a Boston-based biotech with a unifying mitochondrial platform, is seeking a thoughtful, creative Senior Research Associates skilled in cellular/molecular biology to join our growing team! At LucyTx, transparency, openness and opportunity are not just buzzwords - our CEO and team have made a commitment and set our primary priority to provide a work environment where asking for help is celebrated, helping others is rewarded, and finding new areas to create value is embraced.

What is LucyTx doing?

Lucy Therapeutics is developing small molecule treatments to improve the lives of patients with devastating neurological diseases such as Parkinson's Disease and Rett Syndrome. Our mitochondrial platform has led to the discovery of targets whose modulation can improve central energetic dysfunctions in these diseases and address their complex organ symptomatology with the potential for selectively in diseased vs. healthy cells. Our platform offers the potential for further target identification across a variety of neurological (and other) diseases. Read more about us here: <https://www.lucytherapeutics.com/>

Why join LucyTx?

We are looking for scientists who are curious - curious about the world around them, curious about how things work and how to solve problems. As a **Senior Research Associate**, you will contribute to the design and execution of *in vitro* laboratory experiments and data analysis/interpretation required for advancing our drug discovery programs and expanding our mitochondrial platform. You will have the opportunity to develop further technical and leadership skills while working with an experienced drug discovery team who values integrity, teamwork, idea generation, diversity and scientists demonstrating the passion to make a difference in the lives of patients. You will also have the opportunity to shape our culture with your feedback as well as have opportunities to participate in activities such as attending conferences and contributing to journal articles & posters. We believe that all scientists at LucyTx should also have opportunities to interact with and learn from our top-notch Scientific Advisory Board members and scientific collaborators in academia.

What will you be doing at LucyTx?

- Aseptic culture technique and expansion of a variety of human and rodent cell types using industry standard measures of cell health and growth
- Devise and conduct *in vitro* assays employing human and rodent cellular-based/derived systems
- Actively contribute ideas, design, and implement new experimental protocols as needed, coordinating planning and acquisition of study materials, assay validation, and ensuring rigorous data analysis and interpretation, troubleshooting assay development as necessary to further research initiatives
- Contribute to research projects and initiatives working independently yet ensuring timely and regular communication with team members to convey data/results, ideas and ensuring prioritization in line with team, project, and corporate goals
- Maintain accurate and detailed laboratory records of all experiments performed in accordance with company policy
- Provide scientific support for departmental/company presentations, due diligence activities and contribute to partnering/collaboration activities as requested



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- Regularly mine scientific literature for applications and research ideas that can be utilized to advance Lucy Therapeutics platform and programs
- Ensure compliance with all Lucy Therapeutics corporate policies and environmental health and safety policies and procedures

What will you bring to LucyTx?

Required Qualifications:

- BS or MS in biological sciences with 1-3 years of relevant industry experience
- Experience with mammalian (including human, rodent) cell culture required
- Excellent pipetting skills and experience with multichannel pipettes 96/384-well formats required
- Hands-on experience with one or more of the following assays: ELISAs, Western blotting, qPCR, and high-content imaging
- Working knowledge of data analysis tools (e.g. Excel, GraphPad Prism)
- Passion for multi-tasking with ability to prioritize and organize workloads and tasks
- Highly organized with strong attention to detail and experience in generating technically sound, reproducible data sets
- Willingness to ask questions and ability to work well in a team environment including cross-functional/multidisciplinary team settings
- Positive, can-do attitude; integrity; values diversity; and flexibility to contribute to multiple projects as needed; with a respectful sense of humor

Preferred Qualifications:

- Experience with iPSC, CRISPR, siRNA, transfection/transduction, and/or small molecule compound assessment.
- Experience isolating DNA/RNA
- Experience with or exposure to techniques such as flow cytometry, reporter assays, and/or metabolic analysis.

What else can LucyTx offer you?

Lucy Therapeutics offers comprehensive health and dental benefits, 401k plan, commuter benefits, paid time off, life insurance, parental leave, professional & employee development assistance and other perks to take care of our employees and provide a safe and comfortable working environment. We take time to understand our employee's goals and aspirations and realize they will not all be the same. We will strive to let you contribute and achieve to your fullest!

Interested candidates should please apply with their resume to:
recruiting@lucytherapeutics.com