
ARE YOU READY TO BE CHALLENGED?

EX VIVO SCIENTIST, SAN FRANCISCO CA | CONTACT: AKELA@GORDIAN.BIO

THE DESTINATION:

Gordian Biotechnology is a therapeutics company focused on diseases of aging, the major unmet medical need of our generation.

Age-related diseases have complex causes that include interactions with the aged environment, and traditional ex vivo screening methods have failed to produce effective treatments.

To address this problem, Gordian's platform delivers and tests hundreds of therapeutics in individual animals. We thus scale *in vivo* efficacy testing to cover every therapeutic target at the very beginning of the drug discovery process (more info on our [website](#)). This lets us choose targets that really impact disease biology, to develop and commercialize therapies for the world's deadliest diseases, and eventually for the processes of aging itself.

THE JOURNEY:

Our mission is audacious, and the path will be full of both challenges and excitement. Two things characterize the Gordian experience: 1) We work as a team, with ownership in our own roles and trust in each other. 2) We strive for extraordinary outcomes, and in doing so grow our skills and capability.

Team – Relying on each other begins with transparency. We set clear goals, visibly connecting individuals and teams to our company objectives. This empowers each of us to make autonomous decisions about our work, knowing how they will affect the bigger picture. Our communication happens out in the open. We give and receive feedback from a perspective of helping each other grow, share mistakes, and ask for help.

Extraordinary – Every day, we ask ourselves 'could this process/outcome be even better?'. Knowing our overall mission, we do what we think helps us make the most progress, without asking for permission. We don't shy away from big challenges or unknown territory, but find a way to excel. Our colleagues are amazing, both at what they do and as people. They inspire us to keep up, to not let them down, and be inspiring in return.

Like any cutting-edge research environment, Gordian doesn't believe in a standard 9 to 5 day, with our hours fluctuating to meet distinct project goals. However, our team is geared towards helping each other out and maintaining a culture of intellectual and social fun. We like getting things done and keep standing meetings to a minimum. This year, in accordance with our unlimited vacation policy, each member took an average of 2.5 weeks of (offline) vacation, not including major holidays. We unwind with weekly team lunches, and support each others' projects both experimentally and by 'pre-mortem' meetings to discuss possible failure modes and experimental design.

If this environment sounds appealing, help us bring it to life. We are at the beginning of a long journey, and want both your ability and your personality along for the ride. Our culture is a source of great pride; it represents both who we are, and who we wish to be.

You can dive deeper [here: https://www.gordian.bio/s/Values.pdf](https://www.gordian.bio/s/Values.pdf).

AND YOU:

You have a history of successful execution, both in- and outside of your job description. You want a chance to do your best work, immerse yourself and excel, with people you'll want to spend most of your time with.

You truly want to play a key role in an early-stage startup: A fast-paced environment full of both uncertainty and new challenges, demanding relentless resourcefulness.

You have experience managing time-sensitive projects, in collaboration with other specialists. You have deep expertise, and broad curiosity. You are excited to use and develop cutting-edge technology to advance biology and human health.

Your mission as ex vivo scientist is to ensure that Gordian's screens result in high-quality data. Specifically, you will be leading our animal tissue collection to next generation sequencing workflow. This involves designing and executing tissue collections from experimental animals, generating and sorting single-cell suspensions of these tissues, and preparing these sorted cells for next generation sequencing. You will be expected to take ownership of this part of our platform, including continuous optimization of protocols, application of new technologies and sequencing modalities, and development of methods required for us to work with new and difficult samples. You will thus be directly responsible for the scientific progress of the company.

Each of the steps in our tissue collection to sequencing pipeline requires careful and timely execution, to capture accurate information from our multi-month experiments. You

will be responsible for managing experimental schedules and sample databases for many parallel projects, including coordinating with our heads of gene therapy and bioinformatics, ensuring that each experiment is set up to generate the necessary data. Once data is generated, you will be actively involved in interpretation of this data, using your understanding of biology and the experimental workflows to inform future direction of these analyses.

You'll need excellent hands for surgical and cell handling techniques. You have experience working with mice and desire to keep doing so. You must be able to execute detailed protocols and remain focused through long workflows, sometimes over a week of packed days. Your role requires exquisite attention to detail, and a mindset of continuous optimization. Experience working with large animals, single cell sequencing, FACS, and/or next-generation sequencing are all pluses.

Starting in your first week at the company, our current Ex Vivo Scientist will train you in protocols for processing multiple tissues and species, including downstream fluorescent sorting, and next-generation sequencing. You will work closely together during your first 2-3 months at Gordian. **By the end of your first three months, you will be generating samples indistinguishable in quality from those of your mentor and will have made one significant improvement to our process.** Moving forward, you will have full ownership of ex vivo process development, reporting directly to the CSO/Head of Platform, and be heavily involved in project planning alongside our gene therapy and molecular biology teams.

THE DETAILS:

Gordian aims to provide everything you need to thrive. Beyond our community and work challenges, you'll have enough equity to become a true stakeholder in the company, competitive salary, full health+dental+vision+life insurance, whatever vacation you need to be at your peak, remote work flexibility, and access to world-class mentors and advisors to support your professional growth. Our labs are in the Dogpatch, near UCSF Mission Bay.