

Our Company

TurtleTree Labs is the first biotech company in the world with the ability to create milk from all mammals. Using their proprietary cell-based methods, they will shape the future of not just how we get dairy milk but how humans will feed their infants. To maximise impact, the team will work with industry leaders to adopt their sustainable and safe methods to create milk. TurtleTree Labs is able to have a 98% reduction in carbon footprint and as a result will help to save the world by replacing dairy cows in the future.

Scientist , Cell-Line Engineering

Our Scientist, Cell Line Engineering

Our Cell-Line Scientist will play a key role to conceive, conduct and analyze experiments to identify and validate new pathways using cellular models to discover new targets. A strong background in molecular biology is essential, along with a demonstrated experience in cell engineering using leading genome editing technologies such as CRISPR-CAS9 to conduct knock-out and knock-in hPSC models. While this role will foster independence, it will also require the ability to interact with scientists in all levels of the startup, and as such, we place a high value on consistency, diligence, and a positive and collaborative work style. A successful candidate will be one who is ambitious and motivated, can adapt to learning and developing new methodologies, and thrives in a fast-paced, team-oriented startup environment.

Responsibilities

- Exercise independent judgment within defined procedures and practices to determine appropriate action
- Provide expert input in design and generation of cellular models to probe research in cell biology using CRISPR-based approaches.
- Routinely perform culture, editing, manipulation, and differentiation of hPSCs.
- Perform molecular biology work such as DNA and RNA extraction, PCR/qPCR, cloning, transfection procedures, and immunoassays (e.g. flow cytometry, ELISA, Western blotting).
- Establish cellular, biochemical, and bioanalytical assays for screening and target validation using hPSC-derived cellular models.
- Analyze, interpret, communicate and present scientific data
- Provide supervisory training and guidance for junior scientists

Education

- Master or Ph.D in Chemistry, Biochemistry, Cell Biology, Molecular Biology or related fields, with at least 2 years of industry or academic research experience

Experience

- Adhere to policies and procedures following research and development scientific standards
- Proficient with gene regulation, editing, cell engineering, gene expression systems, cloning, knock-out and knock-in techniques on mammalian HEK293 or CHO cells
- Experience with bioinformatic software for sequence alignment (bioedit, sequencher, mega 7, benchling etc) is a plus
- Experience with CRISPR-Cas9 genome editing technology is required

We invite you to maximize your expertise with TurtleTree Labs today.

Email your confidential CV to fionna@turtletreelabs.com