

Scientist / Sr Scientist (Lentivirus production)

Obsidian Therapeutics, a newly formed Atlas Venture company, is developing a new class of cell and gene therapies that employ precise exogenous control of transgene expression for improved safety and efficacy. This role is a unique opportunity to join an early-stage, well-funded startup with blue chip investors, field-leading founders and advisors, and a highly experienced startup team. You will help us build a dynamic, passionate, collaborative, transparent and successful organization focused on delivering transformative therapies in oncology and other areas of greatest clinical need. Located in an energetic environment in Cambridge, Obsidian is an equal opportunity employer offering a competitive salary and benefits package. Resumes can be sent to jobs@obsidiantx.com.

Primary responsibilities

1. Lead the gene delivery efforts to provide viral vectors for in vitro and in vivo use
2. Lentivirus and retrovirus vector production, titration and quality control
3. Viral transduction of diverse cell lines, especially primary cells
4. Optimize and standardize current production/transduction protocols, adopt new techniques to improve yields, transduction efficiency, cost-effectiveness and scale production as needed
5. Analysis of cell lines using quantitative PCR, western blot, ELISA, and FACS
6. Design, plan, and execute experiments both independently and as part of a multidisciplinary team of researchers
7. Interpret results, troubleshoot technical hurdles, and propose solutions to the team
8. Enthusiastic team worker with strong interpersonal skills and commitment to work collaboratively in fast paced environment

Required Qualifications and skills

1. PhD with 2+ yrs or BS/MS with 5+ yrs experience in mol/cell biology in biotech/pharma setting, with at least 2-3 yrs experience with all aspects of lentivirus and retrovirus production and stable cell line production (experience with transducing primary cell cells a plus)
2. Experience in immunology / immuno-oncology is strongly preferred
3. Experience in general molecular/biochemical assays for cell line analysis (quantitative PCR, western blot, ELISA, and FACS)
4. Strong analytical, troubleshooting and communication skills, highly organized with flawless record keeping and multi-tasking abilities
5. Highly collaborative working style and ability to adapt in a fast paced, rapidly developing environment
6. Supervisory experience strong plus