



Sr. Research Associate/Scientist - AAV Vector Production

Position summary:

Tevard Biosciences, an exciting company co-founded by renowned MIT molecular cell biologist Harvey Lodish developing novel tRNA based gene therapies for rare diseases, is seeking a **Sr. Research Associate/Scientist - AAV Vector Production**, based in Cambridge, MA.

In this role, you will work with cross-functional teams to generate AAV vectors in support of Tevard's preclinical pipeline and novel tRNA-based therapeutic platforms. The role encompasses a diverse set of responsibilities and will enable the individual to take part in developing life-changing gene therapies for patients with severe genetic disorders. The ideal candidate will have a background in upstream and downstream AAV processes in an industry setting or academic vector core. Applicants must be highly-motivated and comfortable working in a fast-paced, start-up environment.

Key responsibilities for this position include:

- Help set up Tevard's in-house vector core
- Design and implement methods for viral vector purification
- Produce research-grade AAV vectors using adherent and/or suspension HEK293 systems (cell stacks, cell factories, small bioreactors)
- Maintain production cell lines; set up and manage helper plasmids and AAV vector stocks
- Co-ordinate production needs with different internal and external stakeholders and manage AAV supply chains
- Interface with vector production companies; assist with process development at CDMOs
- Remain up-to-date with the viral vector purification/production field by exploring novel technologies, production platforms, capsid serotypes, etc.

Minimum qualifications:

- A Masters (Sr. Research Associate), Ph.D. (Research Scientist) in Cell Biology, Molecular Biology, Virology, Biochemistry, Biotechnology, or a related discipline
- At least 5 years of experience in the pharmaceutical industry (preferred) or an academic setting
- Proven track record in producing research-grade (or higher) AAV vectors using the 293 system; knowledge of baculovirus or other production systems is a plus
- Proficiency with analytical assays including, but not limited to: Western Blot, ELISA, ddPCR
- Demonstrated ability to work collaboratively in cross-functional teams and effectively prioritize and manage multiple tasks in a fluid, fast-paced work environment



- Ability to proactively manage inventory, order reagents/consumables, and maintain cell lines
- In-depth understanding of AAV biology and gene therapy.
- Scientifically rigorous, highly organized, with excellent oral and written communication skills

Job Type: Full-time

Salary: Commensurate with role and experience

Interested parties please send CV and cover letter to careers@tevard.com.

We are an equal employment opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability status, protected veteran status or any other characteristic protected by law.