



To establish our AAV Vector Core group, Tevard Biosciences is seeking an AAV Vector Core Lead Scientist.

Position summary:

Tevard Biosciences, an exciting company co-founded by renowned MIT molecular cell biologist Harvey Lodish developing novel tRNA therapies for rare diseases, is seeking a AAV Vector Core Lead Scientist based in Cambridge, MA.

This leadership role requires strong managerial and technical skills to build an AAV vector core and direct a team of experts focused on AAV construct design, cargo engineering, vector optimization, and AAV production. The ideal candidate will also have a background in AAV purification and upstream/downstream processes in an industry setting or academic vector core. In this role, you will work with cross-functional teams to support Tevard's pipeline and novel tRNA-based therapeutic platforms and develop them into life-changing therapies for patients with severe genetic disorders. The role encompasses a diverse set of responsibilities and will enable you to be the founding member of the AAV vector core and build a core team that lays a foundation for Tevard's AAV pilot plant in the future. Applicants must be highly motivated and comfortable working in a fast-paced, start-up environment.

You will contribute by:

- Recruiting a team of scientists, developing core capabilities, and establishing the AAV vector core.
- Leading strategy and implementation of vector engineering, AAV production and bioprocess in the AAV Vector Core
- Overseeing planning and rapid execution of transgene design, testing and optimization cycles including assessment of AAV quality, purity, titers, and functional activity.
- Identify, develop, and implement processes to purify viral vectors.
- Establish the technical skills, equipment and processes needed to manage the overall productivity of the AAV vector core.
- Working closely with Tevard's tRNA and disease biology teams to ensure smooth transitions between groups with appropriate high-quality data packages generated
- As part of Tevard's Research leadership team, provide scientific insight and guidance in projects/platforms, including strong scientific thinking and hypothesis development and help advance tRNA therapies towards the clinic.
- Help the future growth of AAV manufacturing at Tevard in the areas of process development, analytical and scale-up.

Preferred Qualifications:

- PhD or Postdoc with direct AAV experience.
- 3+ years of demonstrated managerial experience
- 5+ years of experience for mammalian cell culture, sterile technique, cloning and advanced cell biology techniques applicable to AAV based gene therapy
- Excellent communication skills with demonstrated ability to work across disciplines
- PhD and postdoc in virology or related discipline with direct AAV genome and capsid engineering experience
- Experience with preclinical stage gene therapy programs and knowledge of phase appropriate technical considerations around viral vector molecular design, titer, potency, and purification.

Title will be commensurate with experience.

Contact:

Interested candidates 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.