

Principal Scientist I, Early Pipeline Development

Job ID
REQ-10065327

11月 04, 2025

USA

摘要

#LI-Onsite
Internal Job Title: Principal Scientist I
Location: San Diego, CA

This position will be located at San Diego, CA site and will not have the ability to be located remotely. This role is based in San Diego, CA USA. Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

We are seeking a highly motivated Principal Scientist I with extensive AAV gene therapy manufacturing experience to develop state-of-the art downstream purification processes for next-generation AAV gene therapy. This role is also responsible for executing early-stage process development with the focus on developability of AAV gene therapy lead candidates as well as new platform process development for existing and novel AAV capsids and cargo vectors.

About the Role

Key Responsibilities:

- Lead and manage a 3-5 person downstream process team and provide technical support, training, and SME knowledge to assist with the professional development of direct reports.
- Coordinate activities with associates across upstream process and analytical teams.
- Develop strategies in collaboration with Disease Areas and partner with various line functions to support early drug discovery from target selection and validation through lead compound selection and developability assessment.
- Serve as a subject matter expert to transfer manufacturing process knowledge to Technical Research & Development team and advance pipeline programs into clinical phases.
- Lead effort and work collaboratively with Technical Research & Development to develop innovative and cost-effective downstream processes for next-generation AAV.
- Manage multiple project workflow to ensure timely delivery.
- Prepare written reports conforming to defined documentation practices including electronic lab notebook.
- Other related duties as assigned.

Essential Requirements:

- PhD in bioprocessing, biochemical engineering, gene therapy or related fields with 5 years of relevant process development experience in biotechnology/ pharmaceutical environment.
- Experience in people management
- Knowledge of downstream purification processes including affinity and ion-exchange chromatography with hands on experience with AKTA purification systems.
- Technical proficiency, creativity, and independent thoughts
- Effective communication skills to convey scientific concepts to research scientists and cross-functional collaborators.
- Strong organization and problem-solving skills with attention to details.
- Ability to work in a fast-paced and matrix environment.

Preferred Requirements:

- Experiences in AAV gene therapy
- Experience with viral gene therapy

The salary for this position is expected to range between \$108,500 and \$201,500 per year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

To learn more about the culture, rewards and benefits we offer our people click [here](#).

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

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Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call

+1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门

Biomedical Research

Business Unit

Universal Hierarchy Node

地点

USA

状态

California

站点

San Diego (California)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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