

Research Scientist II, Biologics Engineering & Conjugation

Job ID
REQ-10064868

11月 06, 2025

USA

摘要

#LI-Onsite

Internal Job Title: Research Scientist II

Location: San Diego, CA

This position will be located at San Diego, CA site and will not have the ability to be located remotely.

The Biologics Research Center (BRC) is seeking a highly motivated Research Scientist II with the skills and experience to contribute to advancing ADC drugs to patients in need. This is a great opportunity to join a group dedicated to protein, antibody oligonucleotide/ antibody drug conjugate discovery. The ideal candidate will possess a demonstrated expertise in protein sciences with an emphasis on protein purification, process optimization, and characterization. Responsibilities will include a range of activities related to protein purification and characterization of complex antibodies. The ideal candidate will be familiar in the design, optimization, and execution of multi-step purification, analytical data interpretation, troubleshooting and formulation of final product, while maintaining a highly productive and collaborative culture.

About the Role

Key Responsibilities:

- Independently design purification methods, understand biochemical concepts, interpret data and troubleshooting.
- Participate on project teams to discover, optimize, and manufacture antibody-based biologics, antibody-drug and/or oligonucleotide conjugates (ADCs/AOCs); offer technical advice at cross-functional team meetings; share technical expertise with other colleagues.
- Work effectively as a member of cross-functional teams to accomplish shared project goals.
- Special emphasis will be placed on automated antibody purification, which will involve working with Cytiva AKTA (Pure/Avant) and Unicorn software, and parallel purification using the Protein Maker.
- Mono and multi-specific antibody purification: preparation and packing of chromatography columns, and conducting endotoxin free chromatography, including operating preparative and analytical chromatography systems.
- Perform in-depth analytical characterization of molecules: endotoxin measurements, protein quantitation assays, analytical FPLC chromatography (anSEC)
- Coordinate the submission for supplementary biophysical characterization and interpret analytical results with area experts.
- Storing, inventorying, and ordering department supplies and chemicals and preparing chemical solutions according to department procedures, specifications, or supervisory instructions.
- Contemporaneous and accurate documentation of experiments in ELN and registration databases
- Contribute to patents, publications, and technical reports

Essential Requirements:

- Bachelor ' s or Master ' s degree in chemistry, biochemistry, or related discipline with 2 years of work experience, preferably in an industrial setting
- Understanding of biochemical concepts
- Expertise in protein purification
- Knowledge of protein and antibody sequences, antibody databases and data management systems, and ELN
- Exceptional organizational skills and attention to detail
- Excellent time management skills and multi-tasking capabilities
- Self motivated team player with excellent written and verbal communication

Desirable Requirements:

- Experience in ADC/AOC purification
- Experience in cell binding and functional assays for antibody/ ADC/AOC characterization is desired
- Antibody/protein analysis and characterization including, but not limited to CE-SDS, A280, AnSEC, RP-HPLC, LC-MS, AnHIC, Endotoxin.

- Automated liquid handling using the Lynx

The salary for this position is expected to range between \$73,500 and \$136,500 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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