

Senior Scientist I/II, Structural Biologics

Job ID
REQ-10022926

Oct 01, 2024

USA

Summary

Position is onsite in San Diego, CA
LI #onsite

The Biologics Research Center, Structural Biologics department is looking for a highly motivated Senior Scientist to support experimental structural biology across multiple biotherapeutic programs. The ideal candidate will have hands-on experience in all aspects of the gene to structure pipeline including the acquisition and interpretation of structural biology data from X-ray crystallography and/or CryoEM. The candidate will be part of multidisciplinary teams that support early to late stage biotherapeutic drug discovery programs by providing structural data and protein engineering support. They will use their experience in the gene-to-structure pipeline to address the challenges of high-resolution structure determination to support the design of novel biotherapeutics capable of addressing the next generation of biomedical applications

About the Role

Your Responsibilities include, but are not limited to:

- Design, troubleshooting and execution of experiments to determine the structure of multi-protein complexes by X-ray crystallography or CryoEM with an aim to support the design and development of novel biotherapeutics.
- Working closely across experimental and computational groups to address key scientific questions.
- Communication of results to multidisciplinary teams across the larger Novartis research organization.
- Prioritization, coordination and efficient time management of experimental deliverables.
- Mentor junior scientists, fostering a culture of innovation, collaboration, and scientific excellence. Contribute to overall strategy in the structural biology group.
- Awareness of the external technology landscape and its application to biotherapeutic drug development.
- Participation as key member of drug discovery and technology project teams with accountability within the project for own area of expertise.

What you 'll bring to the role:

This is a dual posting. The final level & title of the offer role would be determined by the hiring team based on the skills; experience & capabilities required to perform the role at the level the role has been offered (Senior Scientist I /Senior Scientist II)

- PhD (BSc/MSc with equivalent experience) degree in biophysics, biochemistry, or related discipline with a proven record in experimental structural biology.
- Minimum 3 years ' experience in common protein purification methods (Affinity, IMAC, SEC) and molecular biology techniques (cloning, DNA isolation, transformation, etc.)
- Demonstrated independent thought/creativity in science with attention to details.
- Proven ability in structural biology methods (either X-ray crystallography and or CryoEM) including protein crystallization, crystal optimization, CryoEM sample and grid preparation, data acquisition, map generation and structure solution.
- Demonstrated problem-solving capability for challenging structural biology projects, with expertise in developing protocols for dealing with novel protein targets.
- High degree of self-motivation and attention to detail.
- Strong organizational and time management skills.
- Desire to learn/operate across numerous functions (expression, purification, analytics, structural biology, and computational modelling).

Desired Requirements:

- Experience with using AI-based techniques to facilitate protein construct design, engineering and protein structure prediction is preferred
- Familiarity with analytical and biophysical methods (light scattering, ITC, DSC, LCMS, anSEC, etc.) and laboratory automation is highly desirable.

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>

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>

Commitment to Diversity & Inclusion: The Novartis Group of Companies are Equal Opportunity Employers and take pride in maintaining a diverse environment. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to building diverse teams, representative of the patients and communities we serve, and we strive to create an inclusive workplace that cultivates bold innovation through collaboration and empowers our people to unleash their full potential.

Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$92,800-\$139,200/year for a Senior Scientist I and \$102,400-\$153,600/year for a Senior Scientist II; however, while salary ranges are effective from 1/1/24 through 12/31/24, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills, and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

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>

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>

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers who are focused on building and advancing a culture of inclusion that values and celebrates individual differences, uniqueness, backgrounds and perspectives. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to fostering a diverse and inclusive workplace that reflects the world around us and connects us to the patients, customers and communities we serve.

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.

Division
Biomedical Research

Business Unit
Pharma Research

Location
USA

Site
San Diego

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

[Apply to Job](#)

iframe{ width: 100%; margin-top: 3rem; } @media screen and (max-width: 767px){ iframe{ height: 30vh !important; } } @media screen and (min-width: 768px){ iframe{ height: 34vh !important; } }



Job ID
REQ-10022926

Senior Scientist I/II, Structural Biologics

[Apply to Job](#)

Source URL:

<https://www.novartis.com/kr-ko/careers/career-search/job/details/req-10022926-senior-scientist-iii-structural-biologics>

List of links present in page

1. <https://www.novartis.com/about/strategy/people-and-culture>
2. <https://www.novartis.com/careers/benefits-rewards>
3. <https://talentnetwork.novartis.com/network>
4. <https://www.novartis.com/about/strategy/people-and-culture>
5. <https://talentnetwork.novartis.com/network>
6. <https://www.novartis.com/careers/benefits-rewards>
7. <mailto:us.reasonableaccommodations@novartis.com>
8. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/San-Diego/Senior-Scientist--Structural-BiologicsREQ-10022926-1>
9. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/San-Diego/Senior-Scientist--Structural-BiologicsREQ-10022926-1>