

Principal Scientist II - Biotherapeutic Engineering & Conjugation (BEC) (80-100%*)

Job ID
REQ-10015710
Jul 16, 2024
Switzerland

Summary

Novartis' Biomedical Research division is the innovation engine of Novartis, focusing on new technologies that have the potential to help produce therapeutic breakthroughs for patients. The Biotherapeutic Engineering and Conjugation (BEC) group is a part of the Biologics Research Center (BRC). BEC drives a diverse portfolio of modalities including therapeutic proteins, multi-specific antibodies, protein- and antibody conjugates. As a Principal Scientist, you will further strengthen our protein engineering team in Basel by bringing expertise in protein-based therapeutics. You will join a dynamic team working closely with Disease Areas and line functions to establish new strategies made possible by the design of next generation biotherapeutics.

About the Role

Your responsibilities include, but are not limited to:

- Protein engineering in general with strong focus on bi-/multispecific formats.
- Managing a team of experienced scientists.
- Enhance our protein engineering platform and develop novel technologies to expand our discovery of bi-/multispecific biotherapeutics.
- Collaborate with Disease Areas to solve therapeutic challenges by design of the next generation of recombinant biotherapeutics.
- Collaborate within other units inside BRC to profile functional and biophysical properties of designed molecules.
- Align and interact with early development on next generation molecules and technologies.
- Present experimental designs, protocols, results and interpretations to a varied audience.
- Maintain familiarity with current scientific literature and techniques in the field of bi/multi-specific formats.
- Demonstrate excellent organizational and communication skills. Expected to be accountable for effectiveness and timelines of completion of project goals.
- Ability to balance multiple projects under a demanding timeline.

What you will bring to the role

- **Minimum requirements:**

- Ph.D. Cell Biology, Molecular Biology, Biochemistry or related field with 5+ year of relevant industrial experience or M.S. with 10+ years relevant industrial experience.
- Significant experience in protein engineering methodologies and applications for immunotherapies.
- Experience managing scientists directly and/or as a matrix team lead.
- Strong organizational, time management, communication, and interpersonal skills.
- Comfort in a fast-paced environment and ability to adjust workload based on changing priorities, coupled with a demonstrated eagerness to learn new things.
- A strong self-starter, independent thinker with strong attention to detail.

Desirable:

Experience in expression, purification and characterization of recombinant proteins, particularly multispecific antibodies.

Experience in analytical methodologies for biophysical characterization.

Experience in Phage or Yeast Display technology for optimization.

Experience in up- and downstream processes of recombinant proteins.

* This position is eligible for 80-100%* working time, however, some restrictions on flexible working options may apply and will be discussed during interview if applicable.

Accessibility and accommodation:

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to inclusion.switzerland@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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>

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<https://talentnetwork.novartis.com/network>

Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland
Site
Basel (City)
Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG
Functional Area
Research & Development
Job Type
Full time
Employment Type
Regular
Shift Work
No
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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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