

Senior Scientist - High-Throughput Assay Development for Antibody Discovery (80-100%*)

Job ID
REQ-10048403

4月 14, 2025

Switzerland

摘要

Location: Basel, Switzerland
Full time, onsite, #LI-Onsite

We are seeking a highly motivated and curious Senior Scientist to join our Biologics Discovery team at the Biomedical Research in Basel, Switzerland. You will participate in the generation of high-quality therapeutic antibodies by setting up and conducting high-throughput functional assays for diverse diseases applications.

About the Role

Your responsibilities include, but are not limited to:

- Develop and operate high-throughput functional cell-based assays e.g. reporter gene assays, killing assays, etc. for the selection and characterization of antibody drug candidates.
- Collaborate closely with the automation team to transfer established assays onto a suitable automation platform for increased throughput and reliability.
- Apply multiple cutting-edge selection techniques to synthetic and immune antibody libraries, like phage display, yeast display, mammalian display, FACS sorting, plate-based screening. This also includes the characterization of identified leads through various affinity and activity assays, like ELISA, FACS, Octet, and functional & biochemical assays.
- Engineer and improve binders using affinity maturation or humanization techniques.
- Analyze experimental data and present scientific interpretation in project team meetings. Participate in the evaluation or development of new methods and technologies.
- Work cooperatively within a team of 3 scientists, reporting to a lab head.

What you will bring to the role:

- Master Degree in Molecular & Cell Biology or related field with a background in antibody discovery, immunology or oncology
- At least 5 years of relevant experience in Biotech or Pharma company
- Proficiency in mammalian cell culture and molecular biology
- Experience in developing and executing high-throughput functional and biochemical assays.
- Experience in multiple antibody screening assays including ELISA, FACS, and functional cell-based assays
- Hands-on experience with data analytics platform or software such as Spotfire
- Hands-on experience with data management system such as Genedata Biologics is considered as a plus
- Hands-on experience in antibody discovery using Phage and / or Yeast Display is considered a plus
- Hands-on experience with liquid handling systems (e.g. Beckman, Hamilton, Tecan) is considered a plus
- Ability to critically interpret results, develop and implement innovative methodologies and processes by taking calculated risks and smart decisions
- A collaborative mindset, with an enthusiasm to develop yourself and others
- A commitment to delivering high-quality data
- Aptitude to work in a fast-paced, team-oriented matrix environment
- Fluency in English is essential (oral/written); advanced knowledge of German and/or French is advantageous

*Restrictions on working flexibility may apply to this position and can be discussed at interview as required

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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部门

Biomedical Research

Business Unit

Pharma Research

地点

Switzerland

站点

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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