

Research Scientist - Innovative AAV Gene Therapy for Sickle Cell Disease (80-100%*)

Job ID
REQ-10026903

10月 31, 2024

Switzerland

摘要

At the Biologics Research Center (BRC) at BioMedical Research (BR), we are studying the Adeno-associated virus (AAV) which is a very attractive modality for gene therapy. We are now hiring an experienced Research Scientist to help further our aims in Gene therapy and treating Sickle Cell Disease.

About the Role

We are seeking a highly motivated Research Scientist with expertise in AAV gene therapies interested in joining a dynamic and experienced cell and gene therapy team at Novartis to push new frontiers in targeted vector design and gen(om)e editing. This position resides in the Cell and Gene Therapy (CGT) group within Biologic Research Center (BRC) in Basel, Switzerland. Our team drives a diverse portfolio of modalities including therapeutic proteins, multi-specific antibodies, CAR-T, RNA

therapeutics, AAV and lentiviral vectors. We work collaboratively with Disease area groups to broaden the use of biologics in therapeutic applications where conventional antibodies have limitations.

Your responsibilities will include, but not limited to:

- Generate novel viral constructs that address challenges in the field of gene therapy
- Applying expertise in protein engineering to improve functionality of novel AAV modalities;
- Plan and execute library screening campaigns using in vivo and in vitro selections;
- Presenting experimental design, protocols, results and interpretations in lab group and project team meetings;
- Partnering with project teams in decision making to agree on desired deliverables and timelines;
- Maintaining familiarity with current scientific literature and techniques in the field of gene therapy.

What you will bring to the role:

- BS or MS in virology, molecular biology, biochemistry, genetics or a related field with at least 2 years of laboratory experience (candidates with PhD will not be considered) ;
- Experience in Molecular and Cell Biology techniques.
- Experience in AAV production and characterization (e.g. AKTA purification, ddPCR, flow cytometry)
- Knowledge in library generation and in vivo / in vitro selection including NGS and data analysis is a plus;
- Curiosity, scientific agility and interest in working in matrixed and collaborative teams.
- Ability to adapt to scientific challenges and to generate innovative ideas/solutions
- Excellent communication and presentation skills in oral and written English.

What Novartis can offer you?

Yes, we offer exceptional benefits and competitive salaries. However, we can offer more. Here you will:

- Work with the latest technologies
- Opportunity to work on the Adeno-associated virus (AAV), very attractive candidate for creating viral vectors for gene therapy
- Be part of a world class organization dedicated to providing solutions to un-met medical needs
- Join an organization that is committed to your development and advancement

*Restrictions on flexible working and reduced working time may apply and can be discussed at interview stage if 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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