

## LAB TECHNICIAN – protein purification (MLO)

NTrans Technologies, Leiden, The Netherlands

### Join us in developing breakthrough therapies for cancer and genetic disorders.

Cell and gene therapies are revolutionizing the way we treat genetic disorders. At NTrans Technologies, we are on a mission to make cell and gene therapy safer and more effective. Our primary focus is on improving the delivery of CRISPR-Cas technology into cells for *ex vivo* therapies, with breakthroughs in immuno-oncology (CAR-T and TCR therapies) and hematology as our targets. Every day, we strive to advance the treatments of tomorrow. Our team is seeking talented individuals who are passionate about delivering on our mission, tackling challenges fearlessly, thriving in a motivated team environment and embracing innovation and creativity.

### Your role

We are seeking a **lab technician** with experience in protein production and purification. You will support our research efforts focused on developing novel gene editing therapies for immune-oncology (CAR-T / TCR) and hematology. As a member of our team, it will be your role to implement procedures to have a sound and solid protein production within NTrans.

### Your tasks and responsibilities

- Set up protein overexpression systems in bacteria and/or non-mammalian cells.
- Downstream processing (DSP) of CRISPR proteins, incl FPLC.
- Preparing Standard Operating Procedures for DSP and QC.
- Conduct molecular biology research, including cloning, (q)PCR, sequencing (NGS), RNA and DNA analysis and other plate-based assays
- Conduct basic biochemistry assays, such as protein extraction and gel electrophoresis.
- Perform routine laboratory tasks, including cell culture, preparing stock solutions, and equipment maintenance.
- Maintaining organized lab spaces and overseeing inventory of cellular products and laboratory supplies, including assisting with shipping and receiving.
- Work in compliance with all appropriate laboratory, regulatory and safety requirements.
- Assist senior staff as required.
- Document and share research results meticulously with our team.

### Who you are

- MLO / HLO / Bachelor of Applied Science in Life Sciences, Biochemistry or related\*.  
Note: MLO is preferred for this role, we will not consider MSc and PhD-candidates.
- Able to work both independently and with a collaborative and diverse team.
- Experience with cell culturing techniques.
- Experience with protein purification.
- Accurate in following standard operating procedures.
- Proficient verbal and written English skills.
- Proficient planning and communication skills.
- You currently reside in the Netherlands.

### Why you'll love working with us

- Work with a dynamic and small team.
- Opportunity to develop cutting-edge technologies and new therapies.
- Learn a unique approach to gene editing.
- Work on an international and collaborative project.

Appointment: Full-time (40 hours/week)  
Starting date: November/December 2024  
Duration: One year, with possible extension  
Location: Biopartner, Leiden Bio Science Park

### **About NTrans Technologies**

At NTrans, we are moved by a pioneering spirit and a deep commitment to transforming medicine. We prioritize excellence and innovation in our daily endeavours, so that we can make a positive impact for those living with serious diseases. Every day, we work to translate our gene-editing technology into life-changing therapeutic applications.

### **Interested?**

If you have any questions about this position, please feel free to contact one of the NTrans Team members via LinkedIn.

Mail your motivation letter, together with your CV in Dutch/English to Ester Weijers before 27 October 2024 ([ester.weijers@ntranstechnologies.com](mailto:ester.weijers@ntranstechnologies.com)).

*NTrans Technologies is committed to equal employment opportunity and non-discrimination for all employees and qualified applicants.*

*Acquisition in response to this vacancy is not appreciated.*