

RESEARCH TECHNICIAN – Molecular Biology

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 **research technician** to support our dynamic and international research efforts focused on developing novel gene editing therapies for immune-oncology (CAR-T / TCR) and hematology. As a member of our team, you will contribute to optimizing and validating the efficacy of lead candidates within one of our key programs.

Your tasks and responsibilities

- Develop, qualify, and validate *in vitro* assays.
- Design and validate gene editing strategies using CRISPR-based tools.
- Conduct molecular biology research, including (q)PCR, sequencing (NGS), RNA and DNA analysis, ddPCR, and other plate-based assays.
- Execute basic biochemistry processes and assays, such as protein extraction, gel electrophoresis, western blots, and reagent preparation.
- Conduct cell biology research, including tasks like cell culture, transfection, FACS, and cell-based assays.
- Perform routine laboratory tasks, including cell culture work, 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

- HLO / Bachelor of Applied Science in Life Sciences, Biochemistry, Medical Biology, or related.
- Able to work both independently and with a collaborative and diverse team.
- Experience with cell culturing techniques.
- Experience with advanced molecular biology techniques.
- Strong verbal and written English skills.
- Excellent planning and organization skills.
- Excellent communication skills.

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: July 2024
Duration: One year, with possible extension
Location: Biopartner, Bio Science Park Leiden

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 English to Ester Weijers before 25 May 2024 (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.