



Job opening



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Job Title: Structural Biologist
Location: Utrecht, The Netherlands
Company: QVQ – Single-Domain Antibodies Contract Research Organization (CRO)
Date: November 2025

About QVQ:

QVQ is a contract research organization (CRO) specialized in the development and engineering of single-domain antibodies (sdAbs) for a wide range of applications. From our new facilities in the Plus Ultra building at Utrecht Science Park, we aim to make sdAb technologies available to as many users as possible. Our customers include small and large pharmaceutical companies, biotech start-ups, and academic research groups from all over the world.

Position overview:

We are seeking a talented and motivated (computational) structural biologist to join our multidisciplinary team. The ideal candidate will have a strong background in protein structure analysis and computational modelling, with a passion for antibody engineering and (*de novo*) design.

Key tasks and responsibilities:

- Analyze structural data and interpret results to guide antibody development.
- Model single-domain antibody (sdAb) structures and sdAb-antigen complexes using various computational tools.
- Improve expression, solubility, stability, and humaneness of sdAbs through structure-guided engineering.
- Perform *de novo* sdAb design using advanced algorithms and computational platforms on our in-house GPU workstation.
- Collaborate closely with wet-lab scientists, bioinformaticians and software engineers.
- Stay up to date with the latest developments in (computational) structural biology, antibody engineering and *de novo* design.

Qualifications:

- PhD degree in Structural Biology, Protein engineering, Biochemistry or a related field.
- Familiarity with antibody structure and engineering principles.
- Experience with structure visualization and analyses software, structure prediction and protein design models (e.g. PyMOL, ChimeraX, RFdiffusion, AlphaFold, proteinMPNN, Boltz).
- Strong analytical skills and ability to interpret complex structural data.
- Excellent communication and teamwork skills.
- A results- and service-orientated attitude.
- Bonus: experience with sdAbs, Linux, and industry background.

What we offer:

- A stimulating, collaborative and supporting scientific environment.
- Working at a relatively small, dynamic, biotech company with a unique profile with clear growth ambitions.
- An opportunity to contribute to shaping the future direction of antibody development and engineering at QVQ.
- Competitive salary and benefits.
- Opportunities for professional growth and development.

How to apply:

Send your cv and cover letter to career@qvquality.com.

