

Job Title: Scientist – DNA Nanotechnology (m/f/d)

Location: Schlieren, Switzerland

Position Type: 80-100% (full time preferred)

About Us

We are a young, innovative startup developing next-generation biomarker detection technologies. Our mission is to make precision diagnostics more accessible for researchers and clinicians worldwide. We thrive in a collaborative, international, and fast-paced environment where creativity and initiative are valued.

Position Overview

We are seeking a Scientist in DNA nanotechnology to drive the development of novel nanostructures and their application in biomarker detection. This role combines hands-on research with translational development, offering the opportunity to shape early-stage technologies into impactful products.

Key Responsibilities

- Design, optimize, and validate DNA nanostructures for biomarker detection.
- Apply DNA nanotechnology to tissue- and solution-based assays (IHC, RNA ISH, ELISA, FACS).
- Perform bioconjugation of oligonucleotides with proteins, peptides, and other biomolecules.
- Purify and analyze oligonucleotides and conjugates (by chromatography, electrophoresis).
- Collaborate with product and application teams to translate R&D findings into usable solutions.
- Document, interpret, and present experimental data.

Required Qualifications and Experience

- Ph.D. in Bioengineering, Biochemistry, Chemistry, Molecular Biology, or a related field.
- Hands-on experience in DNA nanotechnology (DNA origami or related methods)
- Practical expertise in bio-conjugation techniques
- Strong track record of experimental design, troubleshooting, and data interpretation.

Preferred Skills and Experience

- 1–3 years of experience in industry or translational research environment
- Basic proficiency in bioinformatics or data science (R, Python)
- Familiarity with microscopy image acquisition and analysis
- Experience with electronic lab notebooks (ELNs).

Desired Attributes

- Strong problem-solving mindset; able to troubleshoot complex experiments.
- Excellent communication and presentation skills; able to convey technical concepts clearly.
- Independent, resourceful and motivated
- Thrives in startup setting: adaptable, pragmatic, and comfortable wearing multiple hats.



- Committed to scientific rigor and product impact
- Alignment with our values of openness, innovation, and drive.

What We Offer

- A collaborative, international, and mission-driven environment.
- Direct impact on developing cutting-edge biomarker detection technologies.
- Opportunities for professional growth in a rapidly expanding sector.

We welcome applicants from all backgrounds and experiences who share our passion for science and innovation.

Please send your application by email to recruitment@arcorishio.com with the job title in the **subject line**.