

# Reposting: Scientist/Senior Scientist for Advanced Cellular Models Core (TORI), Department of Molecular Medicine (MOMA), Aarhus University Hospital/Aarhus University

The Department of Molecular Medicine (MOMA), Aarhus University Hospital/Aarhus University invites applications for a Scientist/Senior Scientist position to be filled from August 1st, 2026, or as soon as possible thereafter. The position is full-time and permanent.

The Biomedical Tissue Modeling and Organoid Research Infrastructure (TORI) is a newly funded national core facility dedicated to making patient-derived organoids, iPSC-based systems, tissue-engineered models, bioimaging and molecular profiling accessible to researchers across Denmark. Through open-access nodes in Copenhagen, Odense and Aarhus, TORI will provide state-of-the-art technologies, expert support and standardized platforms for innovative, scalable and reproducible advanced cellular models.

At the Aarhus node, based at MOMA, we are looking for a Scientist or Senior Scientist who wants to take a leading hands-on role in developing, optimizing and maintaining advanced in vitro and ex vivo model workflows, while helping users turn complex biological questions into robust experimental models.

## About MOMA

MOMA is a highly interdisciplinary department and one of the leading Nordic centers in molecular diagnostics and clinically applied precision medicine. The department delivers high-throughput DNA- and RNA-based clinical diagnostics while advancing translational research across multiple disease areas using state-of-the-art omics approaches. The department brings together expertise across molecular biology, clinical medicine, and data science/bioinformatics in a highly collaborative environment with strong local, national, and international partnerships.

## Key responsibilities

- Develop, optimize, and run workflows for advanced cellular and tissue models, including organoid-based systems
- Establish, operate, and optimize automated and semi-automated culture and imaging platforms, including hands-on interaction with robotic and AI-assisted systems
- Contribute to standard operating procedures and reproducible research practices
- Provide hands-on technical support and training to users
- Support project design, optimization, and analysis, including definition of project requirements and prioritization
- Actively engage with internal and external stakeholders
- Collaborate with TORI nodes across Denmark to support harmonization and implementation of standardized workflows
- Contribute to the continued development of TORI, including scientific input to reporting, funding applications and strategic development
- Proactively maintain a strong understanding of emerging methodologies and scientific needs

## Required qualifications

- PhD in Molecular Biology, Biomedical Science, Biotechnology, or a related field
- Strong hands-on experience with mammalian cell culture
- Experience with organoids, iPSCs, or other advanced 3D cellular models
- Understanding of automated workflows, technology platforms, and shared research infrastructure
- Excellent written and oral communication skills, including fluency in oral and written English
- A collaborative mindset and interest in supporting other researchers
- Highly detail-oriented and comfortable troubleshooting complex scientific protocols
- Excellent time management, interpersonal and organisational skills

## Desirable qualifications

- Experience working in a core facility or translational research environment
- Experience with robotic liquid handling

- Experience with genome editing (CRISPR/Cas)
- Experience with bioimaging-based phenotyping, microscopy-based quality control, or quantitative image-based readouts for cell culture systems
- Experience coordinating technical staff, mentoring junior scientists, or contributing to shared research infrastructure operations
- Familiarity with high-throughput screens

Candidates are not expected to have experience with all listed technologies. Candidates with strong hands-on experience in advanced cell culture and an interest in automated workflows are encouraged to apply.

#### **What we offer**

- A key role in building a new nationally impactful research infrastructure
- A highly collaborative, interdisciplinary environment at the interface of research and clinical practice
- Involvement in high-impact translational research, working at the forefront of novel cellular and molecular technologies
- Access to state-of-the-art facilities and technologies
- Opportunities for professional development

#### **Terms of Employment**

Salary and employment conditions are in accordance with the relevant collective agreement. Appointment is conditional on a satisfactory child-protection certificate.

The position is full-time, with Aarhus University Hospital, Brendstrupgårdsvej 21A, Aarhus as the primary workplace.

#### **Further Information**

For further information about the position, please contact

- Division Manager, Kasper Thorsen – kasper.thorsen@clin.au.dk, phone +45 7845 5368
- Chair Professor, Lars Dyrskjøl Andersen – lars@clin.au.dk, phone +45 7845 5320

#### **Application**

The application deadline is June 17th, 2026, and interviews are expected to take place between June 22 and 30, 2026.

#### **Please submit your application including**

- a motivated cover letter
- curriculum vitae
- publication list
- relevant diplomas and certificates
- contact information for 1–2 references

*Stillingen er som udgangspunkt en fuldtidsstilling.*

*Da Region Midtjylland løbende gennemfører besparelser og omorganiseringer, vil medarbejdere i omplacering, der søger stillingen, have fortrinsret.*