

Core Facility Scientist in the Single-Cell & Spatial Core Facility Department of Molecular Medicine, Aarhus University Hospital/Aarhus University

The Department of Molecular Medicine (MOMA), Aarhus University Hospital/Aarhus University, invites applications for a Core Facility Scientist position in the Single-Cell & Spatial Core Facility. The position is full-time and permanent, with appointment from October 1, 2026, or as soon as possible thereafter.

We are looking for a colleague who can take a central role in the daily operation and continued development of our Single-Cell & Spatial Core Facility. You will build and maintain expertise, advise users and help ensure that laboratory workflows, instruments, and projects run smoothly and reliably.

The ideal candidate has a strong background in tissue-based laboratory workflows, excellent coordination skills, and a structured, solution-oriented approach. This is a service-oriented core facility role. It does not involve an independent research programme, but there is scope to engage in research that supports and aligns with the strategic development of the facility, for example through method development, benchmarking, and the optimisation and implementation of new spatial and single-cell technologies.

The position is based in the core facility at MOMA, with time spent at collaborating departments across AUH/AU as relevant, depending on the tasks and projects at hand.

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. MOMA brings together expertise across molecular biology, clinical medicine, pathology, and data science/bioinformatics in a collaborative environment with strong local, national, and international partnerships.

About the Core Facility

The Single-Cell & Spatial Core Facility at MOMA supports research groups and clinical departments with advanced single-cell and spatial omics technologies and is part of CellX, The Danish Single Cell Examination Platform.

Key responsibilities

- Coordinate and manage the daily operation of the single-cell and spatial omics laboratory
- Serve as a key resource for single-cell and spatial technologies and advise users on project design, assay selection, tissue requirements, sample quality, and project feasibility
- Coordinate multiple projects, instruments, and laboratory activities in close collaboration with technicians, users, collaborating departments, and facility management
- Perform and oversee hands-on tissue-based spatial workflows, including sample preparation, assay execution, quality control, troubleshooting, and handover of generated data
- Operate, maintain, and troubleshoot spatial instruments and workflows, with a focus on CosMx SMI and emerging spatial technologies
- Coordinate instrument service, maintenance, and vendor support
- Maintain and ensure the quality of protocols, SOPs, documentation, and quality management processes, while supporting continuous improvement of laboratory workflows
- Train and support colleagues and users in relevant technologies, procedures, and best practices
- Contribute to the continued development of the facility, its services and technologies, and MOMA's role in CellX

Required qualifications

- Relevant educational background in molecular biology, biomedical laboratory science, biotechnology, biomedicine, pathology, histology, engineering, or a related field
- Strong experience working with tissue sections, including evaluation of tissue morphology, histology, sample quality, and tissue-based molecular methods
- Understanding of tissue-based molecular technologies, such as in situ hybridization, spatial omics, or related methods
- Strong coordination skills and ability to balance laboratory activities across multiple projects, instruments, priorities, and timelines
- A structured, solution-oriented, and detail-focused approach to high-quality, reproducible laboratory workflows

- Ability to provide clear guidance, project context, and follow-up to technicians and other laboratory staff
- Good communication and collaboration skills and the ability to support users from different scientific and clinical backgrounds
- Excellent written and spoken English and the ability to communicate in Danish

Desirable qualifications

- Practical experience with spatial technologies or related tissue-based methods
- Background in protocol development, assay optimization, validation, quality management, SOPs, or process optimization
- Hands-on knowledge of single-cell technologies, sample preparation, or related omics workflows
- Previous work in a core facility, diagnostic laboratory, translational research unit, or another service-oriented laboratory environment
- Experience training colleagues, students, users, or technical staff

Candidates are not expected to have experience with all listed technologies. The key qualifications are tissue expertise, strong coordination skills, and motivation to support and further develop high-quality core facility services.

What we offer

- A central role in the continued development of single-cell and spatial omics at MOMA
- Work with advanced single-cell and spatial omics technologies
- A collaborative environment at the interface of research, clinical practice, molecular diagnostics, pathology, and bioinformatics
- Opportunities for professional development in a rapidly evolving field

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, kastho@rm.dk, phone +45 7845 5368

Application

The application deadline is August 25, 2026, and interviews are expected to take place in week 36.

Please submit your application including:

- A motivated cover letter
- Curriculum vitae
- Relevant diplomas and certificates
- Contact information for 1–2 references

Løn- og ansættelsesforhold i henhold til gældende overenskomst. Ansættelsen er betinget af en tilfredsstillende børneattest og en tilfredsstillende autorisation.

Stillingen er som udgangspunkt en fuldtidsstilling.

Da Region Midtjylland løbende gennemfører besparelser og omorganiseringer, vil medarbejdere i omplacering, der søger stillingen, have fortrinsret. Region Midtjylland er jf. EU's løngennemsigtighedsdirektiv, der trådte i kraft 7. juni 2026 forpligtet til at oplyse dig om startløn eller et interval for startløn for en stilling inden du tilbydes ansættelse. Her finder du Region Midtjyllands lønkatalog for de fleste faggrupper og stillinger, som findes i Region Midtjylland: [Gennemsigthed forud for ansættelse - Medarbejder.rm.dk](https://www.regionmidtjylland.dk/Gennemsigthed-forud-for-ansættelse-Medarbejder.rm.dk)