

Laboratory technician within neuromuscular research

The Department of Biomedicine at Faculty of Health at Aarhus University invites applications for a position as a laboratory technician within neuromuscular research as per 1 April 2026 or as soon as possible thereafter. The position is a fixed-term, full-time position for 36 months and is tied to the NNF Distinguished Innovator project and the project-specific, time-limited tasks associated with it.

Research at The Department of Biomedicine aims to expand knowledge in diverse areas of biomedicine including infection and inflammation, membranes, neuroscience and personalized medicine. Neuromuscular physiology and neuromuscular diseases are some of the research areas at The Department and the current position is anchored in a laboratory lead by Associate Professor Thomas Holm Pedersen. The focus of the laboratory is neuromuscular disease and underlying disease mechanism. In particular, the work in the Pedersen lab focusses on ion channels and their role in several neuromuscular diseases characterized by abnormal muscle excitability. Experimentally, the work involves electrophysiology, imaging, muscle contractions, and molecular studies of ion channels and cellular signaling using a combination of *in vitro* and *in vivo* assays.

The candidate will be responsible for the daily operations in the laboratory and for conducting experiments. The candidate will also be involved in guiding and training students. The Pedersen laboratory collaborates closely with the pharmaceutical industry having a clear ambition and possibility to bridge basic science to novel treatment concepts for patients living with neuromuscular disease.

Job responsibilities

As laboratory technician, your primary tasks are to support experimental work and daily operations of the laboratory. You contribute to the project through hands-on laboratory work, animal handling and support of physiological and/or molecular experiments. In your daily work, you have a close interaction with competent colleagues.

Your main tasks will consist of:

- Standard and project-specific laboratory methods within neuromuscular research, including preparation of biological samples, basic molecular biology techniques, and electrophysiological experiments
- Daily use and basic maintenance of equipment and instruments
- Handling and care of animal models
- Assistance with molecular experiments
- Training and supervision of students and new staff in laboratory procedures, safety routines, and use of equipment
- Documentation of experiments, organization of laboratory supplies, ordering of reagents and consumables, as well as safety and regulatory requirements
- Collaboration with researchers from different scientific backgrounds within the project, including molecular biology, physiology, and animal research

You will report to the Associate Professor Thomas Holm Pedersen.

Your competences

You have a relevant background within e.g. biomedical science or neuromuscular research and experience with practical laboratory work. You are experienced in working in a research laboratory environment and with standard laboratory procedures. You work in a structured and responsible manner and can collaborate closely with researchers and technical staff. Previous experience with animal work and laboratory administration as well as systems such as IndFak will be considered an advantage.

As a person, you have good interpersonal skills, are inclusive and team-oriented and able to contribute to a good work environment.

We expect you to be fluent in oral and written English.

You will be part of the on-call scheme.

Application Deadline:
01 March 2026

Institute/Faculty:
Department of
Biomedicine

Faculty:
Faculty of Health

Academic contact person:
Thomas Holm
Pedersen
Lektor
+4587167702
thp@biomed.au.dk
+4520596838

Vacant positions:
1

Number of months:
36

Hours per week:
37

Expected date of accession:
01/04/2026

Questions about the position

If you have any questions about the position, please contact Associate Professor Thomas Holm Pedersen tel.: (+45) 30739514.

Your place of work will be the Department of Biomedicine, Neuromuscular Physiology Aarhus, Palle Juul-Jensens Boulevard 82, DK-8200 Aarhus N, Denmark.

We expect to conduct interviews during March 2026.

Terms of employment

Terms of employment and pay are regulated by the collective agreement between the Ministry of Taxation and the Organisations of Public Employees – Denmark (OAO) or The Danish confederation of public employees of 2010.

Application

Your application must include the following:

- Motivated application
- Curriculum Vitae
- Indication of education (a copy of the diplomas should be uploaded)
- References/recommendations can be uploaded separately in the recruitment system

We refer to the faculty's [Guideline for applicants](#).

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 38,000 students (FTEs) and 8,300 employees, and has an annual revenues of EUR 935 million. Learn more at www.international.au.dk/