Research Assistant to regenerative medicine

Application Deadline:
15 February 2026

Institute/Faculty:
Department of Biomedicine

Faculty:
Faculty of Heatlh

Academic contact person:
Antoine de Morree
Lektor
demorree@biomed.au.dk

Vacant positions:
1

Number of months:
12

Hours per week:
37

Expected date of accession:
01/05/2026

The Department of Biomedicine at Faculty of Health at Aarhus University invites applications for a position as a Research Assistant to Regenerative Medicine as per 1 May 2026 or as soon as possible thereafter. The position is a fixed-term full-time position for 12 months.

The department of Biomedicine prioritises diversity and a good work environment, as this is a prerequisite for groundbreaking research. In a diverse and international research environment, dedicated employees are looking to generate new knowledge within biomedical research areas such as infection and inflammation, membranes, neuroscience and personalised medicine. The Department of Biomedicine provides research-based teaching of the highest quality and is responsible for a large part of the medical degree programme. Academic staff contribute to the teaching. English is the preferred language in the laboratory, at meetings and at seminars. The department employs approx. 500 people from all over the world, and they make use of the department's modern laboratory-, core- and animal facilities. The Department of Biomedicine focuses on innovation, entrepreneurship and collaboration with business and industry, and numerous researchers from the department have established companies to develop new medicinal treatments founded in professional scientific basic research. You can read more about the department here and about the faculty here.

The position will be in the lab of Group Leader Dr. Antoine de Morree, an energetic and growing lab at the forefront of stem cell biology. The lab aims to understand how adult stem cells work inside the living body in order to leverage their potential for regenerative medicine. The main models are muscle stem cells and mesenchymal stem cells. The lab studies animal models. The ideal candidate will be an adaptable professional with strong communication and scientific skills, who is excited to work both independently and as part of a team.

The specific project centers around hibernation, a prevalent adaptation in mammals to survive scarcity that remains poorly understood. You will join a highly ambitious project to dissect the mechanisms underlying hibernation with the long-term goal to identify new therapeutic targets for human diseases.

Your job responsibilities

As a Research Assistant, your primary tasks are to conduct experiments and report results. You contribute to the development of the department through teaching and research of high international quality. In your daily work, you have a close interaction with competent colleagues. You will process tissues harvested from hibernation models, perform immunostainings on cryosections, and acquire and analyse microscopy images to help assess the response of stem cells to hibernation. In addition, you will help with stem cell isolation and cell culture experiments. In parallel, you will assist with in silico analysis of transcriptomic data.

Your main tasks will consist of:

- Research within stem cell biology (Standard wet lab procedures include tissue histology; molecular biology; cell biology; stem cell isolation. Standard dry lab procedures include single cell RNAseq annotation and analysis);
- Teaching and assignment supervision;
- Contributing to general lab duties;
- Compliance with safety programs;
- Sparring.

You will report to the Principal Investigator, Antoine de Morree.

Your competences

You have a background within molecular biology or cell biology and experience with cell culture and/or bioinformatic tools. Certification for animal experimentation and/or FACS analysis is a plus but not required. Experience with transcriptomic analyses is a plus but not required.

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.

In order to be assessed as qualified for the position, you must meet these academic criteria.

Shortlisting will be used.

Questions about the position

If you have any questions about the position, please contact Antoine de Morree tel.: (+45) 60790722.

Your place of work will be the Department of Biomedicine, Bartholins Alle 6, DK-8000 Aarhus C, Denmark.

We expect to conduct interviews mid-March (first round) and late March (second round).

Terms of employment

- Appointment as a research assistant requires academic qualifications at master's degree level.
- Further information on the appointment procedure can be found in the Ministerial Order on the Appointment of Academic Staff at Universities.
- The appointment is in accordance with the Danish Confederation of Professional Associations (Akademikerne).
- Remuneration is in accordance with the above, and the Salary agreement catalogue for staff at Health.
- Further information on qualification requirements and job description can be found in the Ministerial Order on Job Structure for Academic Staff at Universities.

Application

Your application must include the following:

- Motivated application
- Curriculum Vitae
- Diploma
- Template for applicant - other academic positions
- A list of publications can be uploaded if relevant for the position
- A teaching portfolio can be uploaded if relevant for the position. We refer to Guideline on the use of teaching portfolios
- References/recommendations can be uploaded separately in the recruitment system

We refer to the faculty's Guidelines 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/