

Research Assistant to the Calcium Signalling Laboratory

The Department of Biomedicine at Faculty of Health at Aarhus University invites applications for a position as a research assistant to the Calcium Signalling Laboratory as per 1 February 2025 or as soon as possible thereafter. The position is a fixed-term full-time position for 2 years.

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](#).

Your job responsibilities

As Research Assistant, your primary task is to assist researchers with their scientific projects, including both routine laboratory work as well as small collaborative (but self-driven) projects. This involves animal experiments and manipulations, colony management and genotyping PCRs as well as molecular biology and microscopy work. You will contribute to the development of the department through research and teaching of high international quality. In your daily work, you will have a close interaction with competent colleagues, including research and core facility staff.

Your main tasks will consist of:

- Assisting students and postdoctoral researchers in the laboratory with their scientific research. This includes routine tasks, such as mouse colony management, inventory, preparation of shared buffers/reagents, and work in the animal stables
- Partaking in small self-driven but collaborative research projects (e.g., completing a small research project that contributes to an ongoing manuscript or helping to cover key experiments during times of parental leave)
- Laboratory-based teaching and supervision (e.g., with bachelor students and incoming PhD students and postdocs)

You will report to the Associate Professor Felicity M Davis tel.: (+45) 4121 0065

Your competences

You have Master's degree with a strong background within the areas of signal transduction and/or cell biology and significant experience with mouse studies (including an existing or transferable animal license). Core competencies include – animal experimentation (handling, breeding, injections), molecular biology (conventional and quantitative PCR, immunofluorescence, immunoblotting) and mammalian cell culture (including primary cells). Ideally, the candidate would also have experience with confocal microscopy and histology. As a Research Assistant, a background designing and performing self-driven experiments would be highly valued.

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.

Application Deadline:
03 December 2024

Institute/Faculty:
Department of
Biomedicine

Faculty:
Faculty of Health

Academic contact person:
Felicity Mae Davis
Lektor
felicity@biomed.au.dk

Vacant positions:
1

Number of months:
24

Hours per week:
37

Expected date of accession:
01/02/2025

You will be part of the on-call scheme for laboratory emergencies, including power loss, fridge/freezer alarms, or out-of-hours animal work.

Questions about the position

If you have any questions about the position, please contact Head of Department XX tel.: (+45) 8715 0000.

Your place of work will be the Department of Biomedicine, Høegh-Guldbergs Gade 10, 8000 Aarhus C, Denmark.

We expect to conduct interviews week 51.

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/