In vivo experiment specialist for investigation of disease mechanisms and the effects of new potential treatments in Parkinson's Disease

Application Deadline:
07 June 2026

Institute/Faculty:
Department of Biomedicine

Faculty:
Faculty of Heatlh

Academic contact person:
Lasse Reimer
Adjunkt
lasse.reimer@biomed.au.dk

Vacant positions:
1

Hours per week:
37

Expected date of accession:
01/08/2026

The Department of Biomedicine at the Faculty of Health, Aarhus University, is seeking a technical-administrative employee (AC-TAP) from 1 August 2026 or as soon as possible thereafter. The position is an event-restricted full-time role focused on investigating disease mechanisms and efficacy testing of small molecules in relevant in vivo animal models for Parkinson's disease and related neurodegenerative disor-ders. The expected duration of the position is approximately 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.

Your job responsibilities

We are seeking an experienced and independent specialist to plan and conduct in vivo mouse experiments focused on Parkinson's disease and related neurodegenerative disorders. The project includes work with transgenic mouse models (M83 and Line 61) and evaluation of new potential disease-modifying treatments — all with the overall objective of transforming scientific discoveries into new treatments for patients. Your experimental work will support several ongoing research projects at the Department of Biomedicine and will include:

- Planning, designing, and conducting in vivo experiments in mouse models (M83 and Line 61)
- Handling experimental animals, including monitoring, dosing, and documentation
- Performing behavioural tests to assess motor and cognitive function (e.g., pole test, rotarod, novel object tests, and similar assays)
- Collection of biological samples, including blood and cerebrospinal fluid (CSF)
- Dissection as well as processing and fixation of tissue for subsequent analyses (IHC and PLA)
- Tissue analysis and quantification of pathology, inflammation, and other relevant biomarkers

You will report to Professor Poul Henning Jensen

Your competences

You have a Master's degree within life sciences (PhD preferred). In addition, you have:

- Documented experience with in vivo animal studies using SNCA-transgenic mouse models (M83 and Line 61), including models initiated by injection of preformed alpha-synuclein fibrils
- Experience with behavioural tests for evaluation of motor and cognitive functions
- Experience with histological analyses, image analysis, and quantification of tissue-based endpoints
- Animal experimental experience with Parkinson's disease or related neurodegenerative disorders is a clear advantage
- Experience with preparation and maintenance of standard operating procedures (SOPs)

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.

Questions about the position

If you have questions about the position, please contact Assistant Professor, Lasse Reimer, phone: +45 42728451.

The workplace is the Department of Biomedicine, Høegh-Guldbergs Gade 10, 8000 Aarhus C, Denmark.

We expect to conduct interviews in mid-June.

Terms of employment

Terms of employment and pay are regulated by the collective agreement between the Ministry of Taxation and Academics in the Sate (AC).

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 37,000 students (FTEs) and 8.700 employees and has an annual revenue of EUR 1.106 billion. Learn more at www.international.au.dk/