

# Assistant Professor of Receptor Trafficking and GPCR Signalling in Brain Disorders

The Department of Biomedicine at Faculty of Health at Aarhus University invites applications for a position as Assistant Professor in the field of Receptor Trafficking and GPCR Signalling in Brain Disorders as per 1 of July or as soon as possible thereafter. The position is a fixed-term full-time position for 24 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

As Assistant Professor, your primary tasks will be research and research-based teaching. You will teach and supervise students at Bachelor's and Master's level, and you will contribute to the development of the department through research of high international quality. In your daily work, you will work closely with both Danish and international colleagues. The position of Assistant Professor is a career development position in which you will receive supervision and pedagogical upgrading.

Your main tasks will consist of:

- Independent research of high international quality, including publication.
- Teaching, guidance and examination of Bachelor's and Master's degree students, as well as possibly supervision of PhD students.
- Some degree of contribution towards attracting external research funding.
- Design, implement, analyze and supervise experiments modeling different aspects of psychiatric disorders and associated comorbidities.
- Develop in vitro (cell cultures) and in vivo (animals) models for testing drug effects in neuroplasticity

You will report to the Associate Professor Sâmia Joca.

## Your competences

You have independent research-related qualifications at a high international level. You are a clear communicator and you have some degree of experience of supervision and teaching at Bachelor's and Master's degree level. We draw attention to completed pedagogical courses in supervision or similar, as well as experience with the establishment of PhD courses and external research collaborations.

It is an advantage if the candidate has documented expertise in:

- Management of colonies of genetically modified rodents and selectively bred animals;
- Behavioral Phenotyping of rodent models of psychiatric disorders;
- Pharmacological assessment of psychoactive drugs in vivo and in vitro;
- Evaluation of drug-receptor interaction in vitro (cell culture: direct and competitive binding assays) and ex-vivo (autoradiography, receptor activation level);
- Analysis of neuronal complexity using advanced neuroimaging techniques

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

**Application Deadline:**  
30 April 2026

**Institute/Faculty:**  
Department of  
Biomedicine

**Faculty:**  
Faculty of Health

**Academic contact person:**  
Sâmia Joca  
Lektor  
sjoca@biomed.au.dk

**Vacant positions:**  
1

**Number of months:**  
24

**Hours per week:**  
37

**Expected date of accession:**  
01/07/2026

We expect you to be fluent in oral and written English. International applicants are expected to learn Danish, and Aarhus University arranges Danish teaching.

In order to be assessed as qualified for an Assistant Professor 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 Associate Professor Sãmia Joca tel.: (+45) 6090 9800.

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

We expect to conduct interviews at the end of May.

#### **Terms of employment**

- Appointment as an assistant professor requires academic qualifications at PhD 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](#).
- The yearly base salary for a fulltime assistant professor is between DKK 484.214,84 and DKK 538.720,20 depending on the years of working experience after achieved MSc degree. The base salary includes a position related supplement and pension (17.1 %). Additional supplement(s) for special qualifications can be negotiated. Authorisation supplement(s) will be granted, if relevant for the position. Your local eligible trade union representative at Aarhus University negotiates your salary on your behalf.
- Researchers recruited from abroad are offered a [special researcher tax scheme](#) with a lower tax rate.
- 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 - assistant professor or tenure track assistant professor](#)
- A list of publications
- A teaching portfolio. We refer to [Guideline on the use of teaching portfolios](#)
- A maximum of five of the publications of greatest relevance to the job may be submitted (optional)
- Research plan, which is part of the 'Template to applicant - assistant professor or tenure track assistant professor' can be uploaded separately (optional)
- Coauthor statement(s) can be uploaded (optional)
- References/recommendations can be uploaded separately in the e-recruitment system (optional)

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.

**International applicant?**

Aarhus University offers a broad variety of services for international researchers and accompanying families, including assistance with relocation and career counselling to expat partners. Please find more information about the International Staff Office and the range of services [here](#). Aarhus University also has a Junior Researcher Association and offers career development support. You can read more about these resources [here](#).

*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/](http://www.international.au.dk/)*