

Postdoc in symbiotic nitrogen fixation

Applications are invited for a 2-year postdoc position in the field of legume-rhizobium interactions and symbiotic nitrogen fixation at the Department of Molecular Biology and Genetics, Aarhus University, Denmark.

Expected start date and duration of employment

This is a 2-year position from 15 May 2026.

Job description

The work will be focused on analysis of faba bean interactions with rhizobia in field soil and will be conducted as part of the N2CROP project [<https://mbg.au.dk/n2crop>].

Your profile

We are looking for a highly motivated candidate with a keen interest in legume-rhizobium interactions that is able to solve problems independently and enjoys working at the interface between biology and data science in collaborative projects. Fluency in spoken and written English is required. Experience with faba bean cultivation and inoculation, legume-rhizobium interactions and plant and rhizobium molecular genetics and genomics is an advantage.

Applicants should hold a PhD in molecular biology or similar.

Who we are

You will be part of a dynamic environment at the Section for Plant Molecular Biology, Department of Molecular Biology and Genetics, where work is focused on the study of legumes. The research environment is cross-disciplinary with PIs specialized in bioinformatics, biochemistry, microbiology, molecular biology and genetics.

You will be working in a leading research group in legume genetics and genomics with well-established basic and applied research programs led by Prof. Stig Uggerhøj Andersen <https://mbg.au.dk/forskning/forskningsomraader/plantemolekylaerbiologi/stig-uggerhoej-andersen>.

What we offer

The Department of Molecular Biology and Genetics offers:

- a well-developed research infrastructure, laboratories and access to shared equipment
- an exciting interdisciplinary environment with many national, international and industrial collaborators
- a research climate encouraging lively, open and critical discussion within and across different fields of research
- a work environment with close working relationships, networking and social activities
- a workplace characterised by professionalism, equality and a healthy work-life balance.

Aarhus is the second largest city in Denmark with top museums and dining available in a relaxed atmosphere (<https://www.visitaarhus.com>). The campus is located within walking distance of the city center, providing easy access to all the city has to offer.

Place of work and area of employment

The place of work is Universitetsbyen 81, 8000 Aarhus C, Denmark, and the area of employment is Aarhus University with related departments.

Contact information

For further information, please contact: Professor Stig U. Andersen, sua@mbg.au.dk.

Deadline

Applications must be received no later than 16 February 2026.

Application Deadline:
16 February 2026

Institute/Faculty:
Department of
Molecular Biology and
Genetics

Faculty:
Faculty of Natural
Sciences

Academic contact person:
Stig Uggerhøj
Andersen
Professor
sua@mbg.au.dk

Vacant positions:
1

Number of months:
24

Hours per week:
37

Expected date of accession:
15/05/2026

Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the appointment committee if necessary, – the head of department selects the candidates to be evaluated. All applicants will be notified whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee, and each applicant is given the opportunity to comment on the part of the assessment that concerns him/her self. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants.

Letter of reference

If you want a referee to upload a letter of reference on your behalf, please state the referee's contact information when you submit your application. We strongly recommend that you make an agreement with the person in question before you enter the referee's contact information, and that you ensure that the referee has enough time to write the letter of reference before the application deadline. Unfortunately, it is not possible to ensure that letters of reference received after the application deadline will be taken into consideration.

If you wish to add a referee **after** you have submitted your application, you must send this person's details (name, job title, place of work, and email address) as well as the name of the position you have applied for to: HR.Nattech@au.dk

Formalities and salary range

Natural Sciences refers to the [Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation](#).

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found [here](#).

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Taxation and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the [Memorandum on Job Structure for Academic Staff at Danish Universities](#).

Salary depends on seniority as agreed between the Danish Ministry of Taxation and the Confederation of Professional Associations.

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.

Research activities will be evaluated in relation to actual research time. Thus, we encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Read more [here](#). Please find more information about entering and working in Denmark [here](#).

Aarhus University also offers a Junior Researcher Development Programme targeted at career development for postdocs at AU. You can read more about it [here](#).

At the Faculty of Natural Science at Aarhus University, we strive to support our scientific staff in their career development. We focus on competency development and career clarification and want to make your opportunities transparent. On [our website](#), you can find information on all types of scientific positions, as well as the entry criteria we use when assessing candidates. You can also read more about how we can assist you in your career planning and development.

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/