

Tenure Track Assistant Professor or Associate Professor in Disease Management of Arable crops

Are you a plant pathologist with an interest in future sustainable disease management strategies for arable cropping systems? Will you contribute to and support the green transition of Danish and European crop protection? If so, the Department of Agroecology at Aarhus University, Denmark, offers an attractive position in the Crop health section, where you will perform team-based research projects to reduce the reliance on chemical pesticides. This is an excellent opportunity to further develop your research portfolio on plant pathology, develop methods to detect plant diseases in the field, and implement integrated disease management in future arable cropping systems. You will contribute to the development of the department through research of the highest international quality and your primary tasks will be to conduct independent research, including publication in high-impact scientific journals; be responsible for teaching, guidance and examination of BSc and MSc degree students and co-supervision of PhD students; as well as attracting external research funding. As part of the department's responsibilities towards Danish authorities, you may also be involved in policy support activities.

You will get the opportunity to collaborate with relevant national and international research environments and in your daily work, you will work closely with both Danish and international colleagues.

We expect that you will be an important part of the research environment and that you will contribute positively to the social working environment.

Depending on the qualifications of the applicants, the position is offered as either a Tenure Track Assistant Professor or an Associate Professor. In your application, you must indicate if you apply for the Tenure Track Assistant Professorship, the Associate Professorship, or both. The position is full-time starting on 1 March 2025 or as soon as possible afterward.

Your profile

Your competencies as Tenure Track Assistant Professor:

You have independent research-related qualifications in plant pathology at a high international level, and you have the potential to become a skilled research leader. Your qualifications are assessed based on research output, including peer-reviewed publications, international research collaboration, potential to perform ground-breaking research, attraction of external funding, communication skills, ability to collaborate and build relationships, and undergraduate/graduate teaching. You have completed at least one productive stay in a different research environment.

Your competencies as Associate Professor:

You have established yourself as a prominent researcher within plant pathology and you possess documented solid research and teaching qualifications at a high international level. Assessment of your qualifications is based on research output, including high-level peer-reviewed publications, international research collaboration, and long-term research stay(s) at another internationally acknowledged university or research institution, proven ability to attract external funding, demonstrated ability to deliver high-quality undergraduate/graduate teaching and supervision of students, good communication skills and ability to collaborate and build relationships. You should be ready to take responsibility for the development of the department's research and education at the highest international level and for ensuring that we maintain a good work environment.

Besides the requirements for either a tenure track assistant professor or associated professor, you must:

- Hold a Ph.D. in plant disease management or plant pathology
- Document experience in scientific writing with several papers in high-quality journals or other high-quality publication channels
- Provide a 2 to 3-page plan for research over the next 3 to 5 years within focused parts of the research area and have a clear potential to perform ground-breaking research and attract external funding. If you are selected, the research plan will be the basis of an application for a starting grant

Application Deadline:
28 November 2024

Faculty:
Faculty of Technical Sciences

Institute/Faculty:
Department of Agroecology

Academic contact person:
René Gislum
Lektor, sektionsleder
rg@agro.au.dk
+4520542092
+4587158279

Vacant positions:
1

Hours per week:
37

Expected date of accession:
01/03/2025

- Have proven international research collaborations (e.g., joint papers and/or applications)
- Be dedicated and possess the ability to collaborate and build relationships

Further, we will prefer candidates with some of the following qualifications:

- Experience in planning and conducting field-work and greenhouse trials
- Insight into the use of new technologies to detect diseases in the field
- Experience in planning and conducting laboratory work with pathogenic fungi
- Experience in testing and handling fungicides as well as biological control organisms as means of controlling plant pathogens
- Insight into fungicide resistance and the use of the different field- and lab-diagnostic tools
- Experience with collaboration with private companies and/or policy support

Please refer to the [tenure track guidelines](#) for the tenure review criteria and for the tenure review process.

Who we are

At the Department of Agroecology, our main goal is to contribute to sustainable solutions to some of the world's biggest problems within the areas of soil, plants, animals, humans, and the environment. We want to make a difference by contributing to both fundamental knowledge generation and the attainment of sustainable production systems via innovative research, contracted policy advice, and education. We offer professional laboratories, greenhouses, semi-field, and field-scale research facilities, advanced computing capacities as well as an extensive national and international researcher network. The department consists of nine research sections with around 320 highly dedicated employees. More information can be found [here](#). We believe in encouraging inclusion, acceptance, and understanding by employing staff who bring unique perspectives to our department.

What we offer

- An informal and multicultural research environment with high professionalism, where accountability, commitment, helpfulness, flexibility, and close collaboration are prerequisites for solving our core tasks
- A good social environment with activities and routines that make it possible to talk across and strengthen the inclusive relationship, and where mutual trust, respect, kindness, and professional sparring are emphasized
- A flexible workplace with a good work-life balance
- A workplace where we work actively with diversity, equity and inclusion
- An exciting and varied working environment, where two days rarely resemble each other. We are often busy, and we work creatively for solutions to societal challenges
- Aarhus University offers a wide variety of services for international researchers and accompanying families, including a [Relocation Service](#) and an [Expat Partner Programme](#)

Special benefits when working in Denmark

- Subsidized preschool childcare and a free education system from primary school up to university level
- Universal health insurance as a resident of Denmark, including family members officially residing in Denmark
- Five weeks paid holiday per year
- In connection with childbirth: the right to have a total of 52 weeks shared maternal/paternal leave with full or partial salary pay

Place of Work

The place of work is Aarhus University, Flakkebjerg, Forsøgsvej 1, 4200 Slagelse. The affiliation will be with the Department of Agroecology. More information can be obtained from René Gislum (rene.gislum@agro.au.dk)

Technical Sciences Tenure Track

Aarhus University offers talented scientists from around the world attractive career perspectives via the Technical Sciences Tenure Track Programme. Highly qualified candidates are appointed as Assistant Professors for a period of six years with the prospect of performance- based advancement to a tenured Associate Professorship.

The aim of the Technical Sciences Tenure Track Programme is to:

- attract outstanding talented individuals that are competitive at an international level
- to promote the early development of independent research success early in the career of scientists
- to create transparency in the academic career path

As part of the tenure track position, the candidate is offered:

- access to research infrastructure
- capability development, including postgraduate teacher training
- a mentoring programme
- support to develop scientific networks and to secure interdisciplinary research at the highest level

As part of the Aarhus University Tenure Track Programme, the University carries out a mid-way evaluation to review the progress of the tenure track candidate after three years, according to the same criteria used in the final tenure review. The final tenure review is conducted after five and a half years. If the review is positive, the candidate will be offered a tenured position as Associate Professor at Aarhus University.

Please refer to the [tenure track guidelines](#) for the tenure review criteria and for the tenure review process.

Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the assessment committee if necessary, – the head of department selects the candidates to be evaluated. The selection is made on the basis of an assessment of who of the candidates are most relevant considering the requirements of the advertisement. All applicants will be notified within 6 weeks 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 will receive his/her assessment. 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.

Formalities and salary range

Technical 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](#).

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/