

Cryo-EM applications specialist

Are you passionate about cryogenic electron microscopy and can you contribute to the development/operation of the Danish National cryo-EM Facility (EMBION) at Aarhus University? We are looking for a cryo-EM applications specialist from 15 June or as soon as possible. This is a 4.5-year fixed term position position.

Expected start date and duration of employment

This is a fixed term position starting 15 June 2026 and ending 31 December 2030.

Job description

- You will be contributing to implementation of cryogenic electron microscopy methods in the lab including single particle analysis cryo-EM, microcrystal electron diffraction and anaerobic cryo-EM
- The job involves work in the EMBION cryo-EM facility as applications specialist in cryo-TEM workflows.
- The facility activities will be in close collaboration with national, international and industrial facility users.

Your profile

Applicants should hold a master's degree in molecular biology or similar.

- Extensive experience with the use of cryo-TEM machines as well as workflows for microcrystal electron diffraction and single particle analysis including sample preparation and data collection are essential.
- Cryo-EM data processing skills are essential.
- Documented experience with work on proteins under anaerobic conditions in glovebox is essential.
- Documented skills related to facility work and laboratory management are essential.
- Communication and language skills (Danish and English) are important.

Who we are

The Department of Molecular Biology and Genetics is part of the Faculty of Natural Sciences, Aarhus University and comprises research within the areas of Plant Molecular Biology, Neurobiology, RNA Biology and Innovation, Protein Science, Cellular Health, Intervention and Nutrition. There are currently 142 full time scientific staff and 80 PhD students. The department is responsible for two educations: Molecular Biology and Molecular Medicine with a yearly uptake of 110 students in total. Please refer to <http://mbg.au.dk/> for further information about The Department of Molecular Biology and Genetics and to <https://nat.au.dk/> and <http://www.au.dk/> for information on Faculty of Natural Sciences and Aarhus University, respectively.

What we offer

The department/centre offers:

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

Application Deadline:
12 May 2026

Institute/Faculty:
Department of
Molecular Biology and
Genetics

Faculty:
Faculty of Natural
Sciences

**Academic contact
person:**
Thomas Boesen
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+4528997699

Vacant positions:
1

Number of months:
54

Hours per week:
37

**Expected date of
accession:**
15/06/2026

balance

Place of work and area of employment

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

Contact information

For further information, please contact: Senior Researcher, Thomas Boesen, +4528997699, thb@mbg.au.dk.

Deadline

Applications must be received no later than 12 May 2026.

Formalities and salary range

Salary and terms as agreed between the Danish Ministry of Taxation and the Confederation of Professional Unions.

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/