

Academic Technician at the Department of Biology, Aarhus University

We seek applications for an academic technician (AC-TAP) for a new imaging facility – MicroCorr – dedicated to microbiological research. The position will include the use of cutting-edge fluorescence, electron and Raman spectroscopy imaging instrumentations; development of correlative workflows for (micro)-biological samples; support of internal and external users of the imaging core facility, as well as managerial responsibilities. The imaging facility will be located at the Section for Microbiology, Department of Biology.

The position is 37 hours per week (100% working time). The intended start date for this appointment is March 1st, 2026, or as soon as possible thereafter. It is a 6-year time-limited position which ends in 2031.

The candidate is expected to:

- Coordinate instrument acquisition, delivery, installation, and training.
- Set up and maintain the facility website and user interface (application forms, training information, scheduling).
- Master operation of the instrumentation and ensure proper maintenance and management of all MicroCorr instruments.
- Develop and test correlative imaging workflows for microbial samples and single cells.
- Coordinate user access to the instrumentation and organize training/teaching sessions on instrument operation and workflows.
- Support users in data interpretation and analysis while ensuring compliance with FAIR (Findable, Accessible, Interoperable, Reusable) data-management principles.
- Supervise students and visitors using the instruments and workflows.
- Organize and participate in workshops and scientific meetings to promote the core facility.
- Network with other core facility managers and academic technical staff.

The position is affiliated with a new imaging facility, MicroCorr, that will be established from January 2026 and will function as a core facility dedicated primary to the microbiological research. We offer a challenging and independent job in an ambitious, international and inspiring research and education environment. We value a good working environment with respect for the individual.

The candidate will be part of the core facility team which includes the PI, the technician and the academic technician position. The candidate will collaborate with other academic technicians, to support research in microbiology and single cell biology at the department and will share some of the daily duties in support, maintenance and continuous development of the suite of instruments within microbiology and cell biology.

Your profile

The successful candidate must have a solid understanding of physics (e.g., optics, spectroscopy, microscopy) and biological processes related to microbial cells. We seek someone with broad experience in relevant imaging and analytical instrumentation, including fluorescence and confocal microscopy, scanning electron microscopy, Confocal Raman spectroscopy, laser microdissection, and optical tweezers. Prior experience with microbiological samples, single-cell approaches, and fluorescent or isotope tagging is required.

The candidate should hold an MSc or PhD in physics, chemistry, biology, nanoscience, or a related field. We are looking for a committed employee who takes responsibility in supporting our research and educational activities. We expect that you are efficient at planning your time and organizing major tasks. You enjoy interaction with both

Application Deadline:
15 January 2026

Institute/Faculty:
Department of Biology

Faculty:
Faculty of Natural Sciences

Academic contact person:
Niculina Musat
Lektor
niculina.musat@bio.au.dk
+4593521373

Vacant positions:
1

Number of months:
72

Hours per week:
37

Expected date of accession:
01/03/2026

scientific staff, students, visitors and technical-administrative staff. You are a team player and contribute to a positive and engaging work environment.

Contact information

For further information on the position please contact Assoc. Prof. Niculina Musat, niculina.musat@bio.au.dk (+45 93521373).

Place of work

The place of work is Department of Biology, Aarhus University, Ny Munkegade 114-116, 8000 Aarhus C, Denmark.

Deadline

All applications must be received no later than January 15, 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 38,000 students (FTEs) and 8,300 employees, and has an annual revenues of EUR 935 million. Learn more at www.international.au.dk/