Bioinformatician in the Bioinformatics Core Facility

Application Deadline:
04 January 2026

Institute/Faculty:
Department of Biomedicine

Faculty:
Faculty of Heatlh

Academic contact person:
Per Qvist
Lektor
per.q@biomed.au.dk
+4550192006

Vacant positions:
2

Hours per week:
37

Expected date of accession:
01/03/2026

The Department of Biomedicine at Faculty of Health at Aarhus University invites applications for two positions as Bioinformatician in the Bioinformatics Core Facility as per 1 March 2026 or as soon as possible thereafter. The positions are event-limited fulltime positions, linked to the continued operation and task load of the Bioinformatics Core Facility, and may be extended if this activity persists.

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 Bioinformatician in the Bioinformatics Core Facility, your primary tasks are to deliver high-quality computational support. You contribute to to help maintain and develop the core facility’s analytical services. In your daily work, you will work closely with researchers across Biomedicine and with competent colleagues in the core to ensure that large-scale biological data are processed, analysed, and communicated efficiently and reproducibly.

Your main tasks will consist of:

- Performing bioinformatic analyses of high-throughput sequencing and other omics datasets.
- Providing user support and guidance regarding analytical methods and data interpretation.
- Developing and maintaining reproducible analysis pipelines and workflows within the core facility.
- Supporting good data management practices, including documentation, version control, and organisation of datasets.
- Preparing figures, summaries, and reports for internal use and scientific publications.
- Contributing to training activities such as workshops, courses, and supervision of students.
- Participating in the coordination and prioritisation of service tasks within the core facility.
- Collaborating with other technology platforms and research groups on interdisciplinary projects.

You will report to the Head of Bioinformatics Core Facility, Associate Professor Per Qvist.

Your competences

You have a background within bioinformatics and experience with the analysis of large-scale biological datasets. You are familiar with modern bioinformatics tools and workflows and comfortable working in a Linux/HPC environment.

We expect that you:

- Have practical experience with analysis of NGS data such as RNA-seq, single-cell data, ATAC-seq, or whole-genome/exome sequencing.

- Are proficient in programming language commonly used in bioinformatics (e.g., R and Python).
- Have experience with workflow development, reproducible pipelines (e.g., Nextflow/nf-core), or computational best practices such as version control and containerisation.
- Are able to communicate complex analytical results clearly to researchers with different levels of computational expertise.
- Work in a structured and well-documented manner and can manage several projects in parallel.
- Contribute positively to collaboration, training activities, and a supportive work environment.

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

We expect you to be fluent in oral and written English.

Questions about the position

If you have any questions about the position, please contact Head of Bioinformatics Core Facility, associate Professor Per Qvist, tel.: (+45) 5019 2006.

Your place of work will be the Department of Biomedicine, Bartholins Allé 6 (Building 1242-527), DK-8000 Aarhus C, Denmark.

We expect to conduct interviews in the end of January.

Terms of employment

Terms of employment and pay are regulated by the collective agreement between the Ministry of Taxation and Academics in the State.

Application

Your application must include the following:

- Motivated application
- Curriculum Vitae
- Indication of education (a copy of the diplomas should be uploaded)
- References/recommendations can be uploaded separately in the recruitment system

We refer to the faculty's Guideline 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.

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/