

PostDoc in RNA therapeutics for metabolic diseases

The Interdisciplinary Nanoscience Center (iNANO) at Aarhus University invites applications for a 1-year postdoc position. This opportunity offers candidate an exiting change to join a research project focused on understanding cellular communication patterns and advancing the targeted delivery of therapeutics.

The starting date is 15th February 2026, or as soon as possible thereafter.

Tasks

We are looking for a candidate to join our interdisciplinary research team evolving around RNA therapeutics and nucleic acid nanotechnology. The postdoc candidate will contribute to projects focusing on the delivery of therapeutics to relevant metabolic organs and tissues with the aim to develop specific targeting properties for nucleic acid therapeutics.

Qualifications

Applicants must hold a PhD in molecular biology, biochemistry, or a related field, accompanied by a strong track record of achievements in the field.

The candidate is expected to have a strong background in nucleic acid nanotechnology and RNA therapeutics, including relevant experimental techniques. Previous experience in areas such as delivery systems, conjugation chemistry, cell and rodent experiments will be a major advantage. Additionally, the candidate should exhibit strong project management skills.

Effective communication skills in English, both written and verbal, are essential. The applicant should be socially oriented and feel confident to work as part of an interdisciplinary team.

Who we are

iNANO, Interdisciplinary Nanoscience Center (www.inano.dk), was established in 2002 and at present is a major research and education center based at Aarhus University hosting 60 senior scientists, ~100 postdocs and ~160 PhD students. The center combines expertise from the disciplines including physics, chemistry, molecular biology and medicine to carry out world class interdisciplinary research in nanoscience and nanotechnology. The centre gives access to a broad range of infrastructure, tools and expertise.

What we offer

The 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 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.

Place of work and area of employment

The place of work is Gustav Wieds Vej 14, 8000 Aarhus C, and the area of employment is Aarhus University with related departments.

As of 1 August 2026, iNANO's educational and research activities will be transferred to the faculty's departments. Consequently, your employment will as of that date be with a department.

Contact information

For further information about the position please contact Professor Jørgen Kjems:

Application Deadline:
14 December 2025

Institute/Faculty:
Interdisciplinary
Nanoscience Center

Faculty:
Faculty of Natural
Sciences

Academic contact person:
Jørgen Kjems
Professor
+4587155494
jk@mbg.au.dk
+4528992086

Vacant positions:
1

Number of months:
12

Hours per week:
37

Expected date of accession:
15/02/2026

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/