

Postdoc in Genius - genotype first for better prenatal care

The Department of Clinical Medicine at Faculty of Health at Aarhus University invites applications for a position as Postdoc in the field of early prenatal screening and diagnostics as per 1 September 2026 or as soon as possible thereafter. The position is a fixed-term 18,5-hour/week position for 40 months.

As a Postdoc at the Department of Clinical Medicine, you will be part of what is probably the largest health science research department in Denmark. Our clinical research covers all the medical specialities and takes place in close collaboration with the university hospital and the regional hospitals in the Central Denmark Region. We have approx. 30,000 square metres of modern research facilities for experimental surgery and medicine, animal facilities and also advanced scanners at our disposal. The department has overall responsibility for the Master's degree programs in medicine and in molecular medicine. At the department we are approx. 670 academic employees, 500 PhD students and 160 technical/administrative employees who are cooperating across disciplines. As a Postdoc, you will be working at Aarhus University Hospital or another hospital in the Central Denmark Region. You can read more about the department [here](#) and about the faculty [here](#).

About the research project

Genius is an innovative research and development project aimed at introducing early, genotype-first prenatal diagnostics to improve both diagnosis and treatment during pregnancy. The project will include 1,000 pregnant participants who, early in their pregnancy, will undergo a blood test to screen for chromosomal abnormalities, copy number variations, and monogenic diseases in the fetus, as well as pharmacogenetic analyses. Genius uniquely combines cell-based, non-invasive prenatal diagnostics with pharmacogenetics and clinical implementation, placing the project at the forefront of precision medicine in obstetrics.

Your job responsibilities

As Postdoc in Genius your position is primarily research-based but may also involve teaching assignments. You will contribute to the development of the department through research of high international quality. In your daily work, you will work closely with colleagues on your project, where you will receive supervision and guidance.

Your main tasks will consist of:

- Independent research of high international quality, including publication.
- Contribute to the interpretation of genetic data and the writing of analysis reports
- Data collection and data management of genetic data
- Evaluate diagnostic sensitivity and screening performance
- Communicate and disseminate the project

You will report to the Head of Department Christian Fynbo Christiansen.

Your competences

You have academic qualifications at PhD level, for example within the following areas: Prenatal genetic screening, fetal diagnostics and registry studies. We expect you to have knowledge of cell-based non-invasive testing, next-generation sequencing, the analysis of genetic variants (including chromosomal abnormalities, copy number variations, and single-gene variants), as well as familiarity with Danish registry data. Furthermore, you should have experience in genetic counseling, variant interpretation, and reporting of genetic test results. A PhD in this field or a closely related discipline is required.

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.

In order to be assessed as qualified for a Postdoc position, you must meet [these academic criteria](#).

Shortlisting will be used.

Questions about the position

If you have any questions about the position, please contact Professor Ida Vogel: iv@clin.au.dk

Application Deadline:
15 June 2026

Institute/Faculty:
Department of Clinical
Medicine

Faculty:
Faculty of Health

Academic contact person:
Ida Vogel
Klinisk professor
iv@clin.au.dk
+4531523156

Vacant positions:
1

Number of months:
40

Hours per week:
18,5

Expected date of accession:
01/09/2026

Your place of work will be the Department of Clinical Medicine, Palle Juul-Jensens Boulevard 11, 8200 Aarhus N, Denmark.

We expect to conduct interviews in week 25.

Terms of employment

- Appointment as a postdoc requires academic qualifications at PhD level.
- Further information on the appointment procedure can be found in the [Ministerial Order on the Appointment of Academic Staff at Universities](#).
- The appointment is in accordance with the [Danish Confederation of Professional Associations](#) (Akademikerne).
- Remuneration is in accordance with the above, and the [Salary agreement catalogue for staff at Health](#).
- The yearly base salary for a fulltime postdoc is between DKK 493.394,35 and DKK 585.322,48 depending on the years of working experience after achieved Master's degree. The base salary includes a position related supplement and pension (18,07%). Additional supplement(s) for special qualifications can be negotiated. Authorisation supplement(s) will be granted, if relevant for the position. Your local eligible trade union representative at Aarhus University negotiates your salary on your behalf.
- Researchers recruited from abroad are offered a [special researcher tax scheme](#) with a lower tax rate.
- Further information on qualification requirements and job description can be found in the [Ministerial Order on Job Structure for Academic Staff](#)

Application

Your application must include the following:

- Motivated application
- Curriculum Vitae
- Diploma
- [Template for applicant - postdoc](#)
- A list of publications
- A teaching portfolio. We refer to [Guideline on the use of teaching portfolios](#)
- A maximum of five of the publications of greatest relevance to the job may be submitted (optional)
- Research plan can be uploaded (optional)
- Coauthor statement(s) can be uploaded (optional)
- References/recommendations can be uploaded separately in the e-recruitment system (optional)

We refer to the faculty's [Guidelines 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.

International applicant?

Aarhus University offers a broad variety of services for international researchers and accompanying families, including assistance with relocation and career counselling to expat partners. Please find more information about the International Staff Office and the range of services [here](#). Aarhus University also has a Junior Researcher Association and offers career development support. You can read more about these resources [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 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/