

**Jobbnorge ID:** 290699  
**Deadline:** 12/20/2025  
**Website:** <http://www.ntnu.no>  
**Scope:** Part time  
**Duration:** Temporary

We are looking for a

## Researcher in Biostatistics in the EU-funded ExMilk project

### This is NTNU

NTNU is a broad-based university with a technical-scientific profile and a focus in professional education. The university is located in three cities with headquarters in Trondheim.

At NTNU, 9,000 employees and 43,000 students work to create knowledge for a better world.

You can find more information about working at NTNU and the application process [here](#).

Video: <https://youtu.be/Xt-yHCN5QS0>

### About the Job

We have a 2-year, 50% researcher position in the [ExMilk project](#) (Exercised Breastmilk: A kick-start for childhood obesity prevention?), an ERC Starting Grant project. The overall aim of the project is to determine how exercise can modify breastmilk composition.

The researcher will focus on data analyses of data from multi-omics technologies to discover the acute and long-term effects of exercise on breastmilk composition.

The position is available at the [Exercise, Cardiometabolic Health and Reproduction \(EXCAR\)](#) research group. Your immediate leader is Senior Researcher Trine Moholdt.

### Duties of the position

The main responsibility will be data analyses of global metabolomics and lipidomics data from human milk samples, and integrations of data from multi-omics platforms (including metabolomics, lipidomics, and microbiome data).

The position will also involve the following tasks:

- Develop strategies for analysing and integrating data from multi-omics platforms based on state-of-the-art analytical methodologies.
- Relate multi-omics signatures with clinically relevant parameters.
- Ensure that omics data are available and reusable.
- Interpret, present, and publish results.

### Required selection criteria

- You must have completed a Norwegian doctoral degree or a corresponding foreign doctoral degree recognized as equivalent to a Norwegian PhD in biostatistics, systems biology, bioinformatics, or a comparable topic.

Documentation of the obtained doctoral degree must be presented before you can take up the position.

- Documented experience with data analysis in R, Python, or similar
- Excellent written and oral English skills

### Preferred selection criteria

- Experience in metabolomics analyses
- Experience in biological interpretation of metabolomics results, microRNA analyses, microbiome data, or cytokine profiling data
- Experience in next-generation sequencing analyses
- Training in molecular biology
- Experience in multi-omics data integration
- Training and experience in the development of statistical scripts

## Personal characteristics

- Ability to work independently and with scientific, experimental, or technological creativity.
- Motivated and excellent team player with a positive attitude and high ambitions on behalf of yourself and the group.
- Curious, with ambitions of acquiring new knowledge and skills.
- Ability to adjust approaches to overcome setbacks or solve challenges.

Emphasis will be placed on personal and interpersonal qualities.

## We offer

- exciting and stimulating tasks in a strong international academic environment
- an open and [inclusive work environment](#) with dedicated colleagues
- favourable terms in the [Norwegian Public Service Pension Fund](#)
- [employee benefits](#)

## Salary and conditions

The gross salary for the position of Researcher (code 1109) is normally remunerated at gross from NOK 720 000 before tax per year, depending on qualifications and seniority. From the salary, 2% is deducted as a contribution to the Norwegian Public Service Pension Fund,

The engagement is to be made in accordance with the regulations in force concerning State Employees and Civil Servants, and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria in the latter law will be prohibited from recruitment to NTNU

The position is funded by an ERC Starting Grant from the European Research Council.

It is a prerequisite that you can be present at and accessible to the institution daily.

## About the application

The application and supporting documentation must be in English.

Please note that your application will be considered based solely on information submitted by the application deadline. You must therefore ensure that your application clearly demonstrates how your skills and experience fulfil the criteria specified above. If, for any reason, you have taken a career break or have had an atypical career and wish to disclose this in your application, the selection committee will take this into account, recognizing that the quantity of your research may be reduced as a result.

The application must include:

- CV and certificates
- transcripts and diplomas for bachelor's-, master's- and PhD degrees. If you have not yet completed your Ph.D, you must provide confirmation on your estimated date for the doctoral dissertation, or that your PhD thesis has been submitted
- A copy of the doctoral thesis. If you are close to submitting or have recently submitted your thesis, you can attach a draft of the thesis. Documentation of a completed doctoral degree must be presented before taking up the position.
- Academic works - published or unpublished - that you would like to be considered in the assessment (up to 10 items)
- The application must include a one-page summary of your planned research contributions to the [project](#)
- Names and contact information for three relevant referees

Joint work will also be considered. If it is difficult to identify your specific input to a joint project, you must include evidence of your contributions.

In the assessment of the best qualified applicant, we will emphasize education, experience and personal suitability as well as your motivation for the position.

NTNU is committed to following evaluation criteria for research quality according to [The San Francisco Declaration on Research Assessment - DORA](#). This means that we pay special attention to the quality and professional breadth of these works. We also consider experience from research management and participation in research projects. We place great emphasis on your scientific work from the last five years.

## General information

NTNU believes that inclusion and diversity is a strength. We want our faculty and staff to reflect Norway's culturally diverse population and we continuously seek to hire the best minds. This enables NTNU to increase productivity and innovation, improve decision making processes, raise employee satisfaction, compete academically with global top-ranking institutions and carry out our social responsibilities within education and research. NTNU emphasizes accessibility and encourages qualified candidates to apply regardless of gender identity, ability status, periods of unemployment or ethnic and cultural background.

The city of Trondheim is a modern European city with a rich cultural scene. Trondheim is the innovation capital of Norway with a population of 200,000. The Norwegian welfare state, including healthcare, schools, kindergartens and overall equality, is probably the best of its kind in the world. Professional subsidized day-care for children is easily available. Furthermore, Trondheim offers great opportunities for education (including international schools) and possibilities to enjoy nature, culture and family life and has low crime rates and clean air quality.

As an employee at NTNU, you must at all times adhere to the changes that the development in the subject entails and the organizational changes that are adopted.

A public list of applicants with name, age, job title and municipality of residence is prepared after the application deadline. If you want to reserve yourself from entry on the public applicant list, this must be justified. Assessment will be made in accordance with [current legislation](#). You will be notified if the reservation is not accepted.

If you have any questions about the position, please contact Trine Moholdt, telephone +47 97 09 85 94 , email [trine.moholdt@ntnu.no](mailto:trine.moholdt@ntnu.no). If you have any questions about the recruitment process, please contact Elisabeth Myrvang, e-mail: [elisabeth.myrvang@ntnu.no](mailto:elisabeth.myrvang@ntnu.no).

If you think this looks interesting and in line with your qualifications, please submit your application electronically via [jobbnorge.no](http://jobbnorge.no) with your CV, diplomas and certificates attached. Applications submitted elsewhere will not be considered. Upon request, you must be able to obtain certified copies of your documentation.

**Application deadline: 20.12.2005**

## **NTNU - knowledge for a better world**

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The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

### **The Department of Clinical and Molecular Medicine (IKOM):**

The Department of Clinical and Molecular Medicine (IKOM) is NTNU's largest department, with 450 employees. Our research and teaching help to improve treatment and health.

ISB omfatter fagområdene anesthesiologi, radiologi, radiografi, ultralyd, MR, idrettsfysiologi, hjerte-kar fysiologi, lungefysiologi, lungesykdommer, hjertesykdommer, karkirurgi, thoraxkirurgi og biomedisinsk teknikk. Instituttet er også ansvarlig for Centre for Innovative Ultrasound Solutions (CIUS), Medisinsk Simulatorsenter og MR-senteret.

## **Additional information**

### **Place of service:**

Høgskoleringen 1 7491 Trondheim (Trondheim Municipality)