



**Jobbnorge ID:** 297419  
**Deadline:** 4/9/2026  
**Website:** <http://www.uio.no/>  
**Scope:** Fulltime  
**Duration:** Fixed Term

## Postdoctoral Fellow in RNA modification in Early Embryo Development

### About the position

A Postdoctoral Fellow position in Epitranscriptomics is available under the supervision of [Project Leader Dr. Yanjiao Li](#) in the Arne Klungland Lab. The lab is affiliated with the [Centre for Embryology and Healthy Development \(CRESCO\)](#) at the University of Oslo.

CRESCO is a Norwegian Centre of Excellence comprising an interdisciplinary team of researchers with expertise in epigenetic and epitranscriptomic modifications, DNA repair and genome (in)stability, and single-cell and single-nucleotide analyses, with a strong focus on cancer biology and embryology.

The successful candidate will work closely with members of this convergence research environment, including collaborators at CRESCO, the University of Oslo (UiO), and Oslo University Hospital (OUH).

The position is offered for a 2-year period, with the possibility of extension depending on funding availability and project progress.

### Project description

The project aims to explore novel RNA modifications and to elucidate their functions and underlying mechanisms in early embryonic development, leveraging our state-of-the-art epigenetic and epitranscriptomic methodologies (Nature, 2016; Nature Genetics, 2020; Nature Structural & Molecular Biology, 2023; Nature Biotechnology, 2024; The EMBO Journal, 2025). These advanced approaches promise groundbreaking insights into epitranscriptomic regulation in ultra-low-input samples, such as early embryos.

We are seeking a highly motivated Postdoctoral Fellow with strong expertise in RNA-seq and multi-omics data analysis. Candidates should be proficient in Python and/or R and have a solid background in Biology, Computational Biology, or Bioinformatics. The successful candidate will work in close collaboration with an interdisciplinary team including bioinformaticians, embryologists, molecular biologists, and clinicians. Prior experience in developmental biology is not required, but an interest in early embryo development is expected.

The position is expected to start on May 1, 2026.

### Qualifications

#### Qualification requirements

- PhD in Bioinformatics, Computational Biology, Statistics, Computer Science, Genetics, or a related field.
- Proficiency in Python and/or R etc., with a strong understanding of statistics.
- Ability to work both independently and collaboratively.
- Proficient in English, with strong written and oral communication skills.
- Experience with transcriptomics/genomics dataset analysis.

#### Desired qualifications

- A record of peer-reviewed international publications.
- Knowledge of early embryonic developmental biology.

### Personal skills

- Enthusiasm and motivation for bioinformatics
- Perseverance and strong problem-solving abilities
- Organizational skills and a proactive approach to learning
- Ability to collaborate effectively and strong communication skills
- Ambition to produce high-quality work and publish results in prestigious journals

Employment in the position is based on a comprehensive assessment of all qualification requirements applicable to the position, including personal qualifications.

## We need different perspectives in our work

UiO is an open and internationally oriented comprehensive university that strives to be an inclusive and diverse workplace and academic environment. You can read more about UiO's work on equality, inclusion, and diversity at [uio.no](https://www.uio.no).

We fulfill our mission most effectively when we draw upon our variety of experiences, backgrounds, and perspectives. We are looking for great colleagues—could you be the next one?

We will do our best to accommodate your needs. Relevant adjustments may include modifications to working hours, task adaptations, digital, technical, or physical adjustments, or other practical measures.

If you have an immigrant background, a disability, or CV gaps, we encourage you to indicate this in the job application portal. We always invite at least one qualified candidate from each group for an interview. In this context, disability is defined as an applicant who identifies as having a disability that requires workplace or employment-related accommodations. For more details about the requirements, please refer to the [Employer portal](#) (Norwegian).

The selections made in the job application portal are used for anonymized statistics that all state employers include in their annual reports.

More information about gender equality initiatives at UiO can be found [here](#).

We hope you will apply for the position with us.

## We offer

- Exciting and meaningful tasks in an organization with an important societal mission, contributing to knowledge development, education, and enlightenment that promote sustainable, fair, and knowledge-based societal development.
- A stimulating and safe working environment and participation in one of Norway's best research environments
- Vibrant international academic environment
- Good [welfare schemes](#).
- Opportunity of up to 1.5 hours a week of [exercise during working hours](#).
- A workplace with good development and career opportunities.
- Membership in the [Statens Pensjonskasse](#), which is one of Norway's best pension schemes with beneficial mortgages and good insurance schemes.
- Salary in position as Postdoctoral Fellow, position code 1352 in salary range NOK from 595 000,- to 680 000,- depending on competence and experience. From the salary, 2 percent is deducted in statutory contributions to the State Pension Fund.

Read more about the benefits of working in the public sector at [Employer Portal](#).

## Application

Your application should include:

- Application letter.
- CV.
- A complete list of publications.
- Transcripts and certificates.
- Contact information for 3 references.

Application with attachments must be submitted via our recruitment system Jobbnorge, click "Apply for the position".

When applying for the position, we ask you to retrieve your education results from [Vitnemålsportalen.no](#). If your education results are not available through Vitnemålsportalen, we ask you to upload copies of your transcripts or grades. Please note that all documentation must be in English or a Scandinavian language.

## General information

The best qualified candidates will be invited for interviews.

Applicant lists can be published in accordance with [Norwegian Freedom of Information Act](#) § 25. When you apply for a position with us, your name will appear on the public applicant list. It is possible to request to be excluded from this list. You must justify why you want an exemption from publication and we will then decide whether we can grant your request. If we cannot, you will hear from us.

Please refer to [Regulations for the Act on universities and colleges chapter 3](#) (Norwegian) and [Guidelines concerning appointment to post doctoral and research posts at UiO](#).

The University of Oslo has a [transfer agreement](#) with all employees that is intended to secure the rights to all research results etc.

## University of Oslo

**The University of Oslo** is Norway's oldest and highest ranked educational and research institution, with 26 500 students and 7 200 employees. With its broad range of academic disciplines and internationally recognised research communities, UiO is an important contributor to society.

**The Institute of Clinical Medicine (Klinmed)** is one of three institutes under the Faculty. Klinmed is responsible for the Faculty's educational and research activities at Oslo University Hospital and Akershus University Hospital. With about 900 employees spread over approximately 425 man-labour years, Klinmed is the university's largest institute. Our activities follow the clinical activity at the hospitals and are spread across a number of geographical areas.

## **Additional information**

### **Contact persons:**

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### **Place of service:**

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