



*The National Institute for Nutrition and Seafood Research (NIFES) is a governmental research institute linked to the Ministry of Trade, Industry and Fisheries. NIFES performs research in the nutrition field “feed for fish, and fish as food”. The institute is responsible for giving scientifically founded advice to the Government, industry and central administration within fish nutrition and safe and healthy seafood, both in fisheries and aquaculture.*

*NIFES is located at Nordnes in Bergen and has approximately 140 employees. Among these are 50 researchers and Ph.D. students and, 60 engineers and technical personnel. In addition, approximately 10 master students conduct their degree in collaboration with NIFES. The Institute is organized into three research programs containing five research sections, and four laboratory sections in total.*

*NIFES has in 2015 a budget of approximately 165 million NOK, where about 50 % is financed by the Norwegian State budget. The Research Council of Norway, the European Union and the Norwegian Food Safety Authority, among others, constitute the remaining funding. NIFES has, in addition to the activities within research and advising, a close cooperation with the University of Bergen, giving lectures and laboratory courses within nutrition, food chemistry and microbiology. The laboratories at NIFES are accredited after the ISO Standard 17025.*

## Bioinformatics Scientist

A two-year position as a bioinformatics scientist is available in the Fish Nutrition research program. The position will be part of a project financed by the Norwegian Research Council. The project aims at understanding how nutrients and environmental contaminants affect epigenetic mechanisms in fish and mammals. The bioinformatics scientist will focus on two main areas; 1. how methylmercury from maternal intake of seafood affects children; and 2. how a number of contaminants relevant for seafood safety affect epigenetic mechanisms in fish.

### Work areas

- Analysis of molecular biology data related to epigenetics, including DNA methylation
- Development of pipelines and establishment of databases suitable for such analyses
- Identification of relevant tools for high-throughput genomic data analysis (e.g. RRBS)

### Desired qualifications

- A PhD with relevant experience within bioinformatics
- Previous experience with sequence data
- Understanding of and experience with biostatistics and bioinformatics algorithms
- Should be able to work independently with Unix tools
- Experience with epigenetics research is an advantage

### Desired qualities

- You must speak and write English well. Norwegian language skills is an advantage, but not a requirement
- Skilled in critical problem solving and data analysis
- Ability to work both independently and in a team
- Ability to work accurately and structured in a fast paced work environment

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*Vennligst adresser post til NIFES, ikke til enkeltpersoner*

**We can offer**

- interesting and challenging tasks in a good work environment
- good opportunities for academic development
- flexible workhours and a good pension plan

Start date: As soon as possible

Please send your cover letter and your CV, **extended application form** and copies of certifications and references to [postmottak@nifes.no](mailto:postmottak@nifes.no). You can download the extended application form from [www.nifes.no](http://www.nifes.no). Please mark the application “**Mrk. 11/15**”.

Wages are regulated by the position code 1109 Scientist (PhD), gross yearly salary 483 700 – 591 400 NOK, depending on qualifications. There will be a Governmental Pension Fund deduction of 2 % from your pay.

NIFES values the diversity of our community and seek to ensure that our staff reflect the general population. For the sake of workforce diversity, NIFES encourages applicants with minority background and/or disabilities to apply for the position.

For more information, please contact Senior Researcher Pål Olsvik at +47 414 59 367

Please apply by September 18, 2015