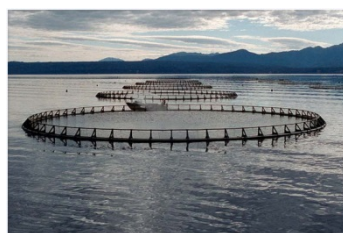
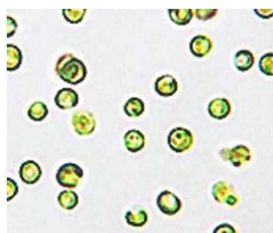


## Research Fellow (PhD position) in Molecular Cell Biology of Microalgae



**Closing date for application is August 4, 2013**

The University of Stavanger (Norway) invites applications for a doctorate scholarship in **Biological Chemistry** at the **Faculty of Science and Technology** in the **Department of Mathematics and Natural Science**, at the **Centre for Organelle Research (CORE)**. This is a trainee position that will mainly give promising researchers an opportunity for professional development leading to a doctoral degree. The research fellow will be appointed for three years (with a possibility of extension to four years with 25% compulsory duties). The position is **vacant from October 1, 2013**. The appointee can accede when he/she is admitted to the PhD program in Biological Chemistry with an agreement to complete the doctorate within the duration of the scholarship.

### **The project**

***“Improving the productivity of marine microalgae in synthesizing omega-3 fatty acids”:***

The biotechnology project aims at improving the productivity of selected “high-oil” microalgal species in synthesizing omega-3 fatty acids for Norwegian aquaculture such as farmed salmon industry. Marine microalgae species such as *Nannochloropsis* and *Phaeodactylum* will be central to the project. Research focus will be put on peroxisome metabolism, and applied and fundamental research be combined to maximize project success and publication productivity. Comprehensive knowledge and experimental experience in microalgal and/or plant molecular cell biology are required. The research project is multidisciplinary combining molecular biology, biochemistry, proteomics, applied bioinformatics, biotechnology, and genetics. The project requires interactive skills in collaborating with national and international academic research groups and with industrial partners involved in the project, i.e. the **PBR design and microalgal production company MicroA** and the **fish feed producer EWOS Innovation**.

### **The Research Centre**

**The Centre for Organelle Research (CORE)** houses state-of-the-art equipment in microscopy, proteomics, and electrophysiology. The research centre represents a highly active and stimulating environment and encourages collaborative and cross-disciplinary research. The project is technically and intellectually demanding and requires experience in the above-mentioned disciplines. Students with such a background are prime candidates for the position. The position is funded by The Research Council of Norway (RCN).

### **Qualification**

Applicants must have a strong academic background with a five-year master degree within Biological Sciences (Biology, Biotechnology, Biochemistry, Molecular Biology etc.) preferably recently, or possess corresponding qualifications which could provide a basis for successfully completing a doctorate. Both the grade for the master's thesis and the weight average grade of the master's degree must individually be equivalent to or better than a B grade. By rating it will be placed on the applicant's potential for research in the field, as well as that person's individual prerequisites for research education. The appointee must be able to work independently and as a member of a team, be creative and innovative. The research fellow must have a good command of both oral and written English.

This fellowship position is important for obtaining a scientific position at a University. The doctorate will mainly be carried out at the University of Stavanger, apart from a period of study abroad at a recognized and relevant centre of research. The research fellow is salaried according to the State Salary Code, l.pl 17.515, code 1017, LR 20, ltr 50, of NOK 421 100 per annum. The position provides for automatic membership in the Norwegian Public Service Pension Fund, which guarantees favourable retirement benefits. Members may also apply for home investment loans at favourable interest rates.

Project description and further information about the position can be obtained from Prof. Sigrun Reumann, telephone +47 51 83 18 97, email [sigrun.reumann@uis.no](mailto:sigrun.reumann@uis.no). See also **Error! Hyperlink reference not valid.** Further information about the appointment procedures can be obtained from Higher Executive Officer Hallgeir Hognestad, telephone +47 51 83 17 36, email [hallgeir.k.hognestad@uis.no](mailto:hallgeir.k.hognestad@uis.no)

The University is committed to a policy of equal opportunity in its employment practices. The University currently employs few female (ev male) research fellows within this academic field and women (ev men) are therefore particularly encouraged to apply. Application containing three copies of CV, the "Employment Application Form" (Information to be made available to the applicants), certificates/diplomas, references, list of publications and other documentation that the applicant considers relevant should be addressed to:

University of Stavanger  
Faculty of Science and Technology  
4036 Stavanger

The application should be marked **vacancy ref 30051032**.

Please note that application and submitted documents will not be returned.

Closing date for applications is **August 4, 2013**.