



Postdoc position: Ecophysiology of Marine N₂-fixers

The Algatech Centre, Institute of Microbiology of the Czech Academy of Sciences, is an internationally recognised centre for basic and applied research on microalgae, cyanobacteria and photosynthetic bacteria, funded in 1960 in Třeboň, Czech Republic. Research in the Laboratory of Photosynthesis is focused on the physiology and biophysics of photosynthesis. We are currently looking to recruit one Postdoc to join our group for the recently funded projects on the physiology of marine N₂ fixing cyanobacteria:

This project aims to understanding the regulation mechanism of N₂ fixation of ecologically important unicellular diazotrophs. We are looking for a motivated Postdoc who will develop and apply new techniques in our group to analyze regulation mechanism of N₂ fixation activity. A PhD in Biological or Chemical Sciences with a focus on Plant Physiology, Microbiology or related fields, as well as a profound interest in algal physiology are required. Experience in molecular biology, especially bioengineering, protein biochemistry in plant or microalgae is preferred. Funding is available until the end of 2022, subject to satisfactory progress after initial period. For questions on this position, please contact Dr. Takako Masuda (takako@alga.cz) or Prof. Ondřej Prášil (prasil@alga.cz, group leader).

To apply, please send a motivation letter, CV and two reference letters (or contact details for referees) to Dr. Takako Masuda (takako@alga.cz) and Prof. Ondřej Prášil (prasil@alga.cz) by November 15th. Interviews will be conducted in the second half of November. Start date for all positions as soon as possible.

Algatech Centre (www.alga.cz) currently employs > 80 researchers and students in all areas of algal research. The Laboratory of Photosynthesis is an international working group with collaborations across Europe, the USA, Israel and Japan. We provide a friendly working environment, as well as assistance with the administrative aspects of moving to the Czech Republic and accommodation for the first months. Třeboň is a small town located in the south of the Czech Republic close to the Austrian border, in a rural setting about 2 h from Prague and 30 min from Ceske Budejovice, surrounded by UNESCO-protected lake-land area and forests offering plenty of hiking opportunities, as well as by historical towns renowned for their local breweries.