



The Institute for Food and Environmental Research (ILU) is seeking from first of September 2024 a

Researcher (m/f/d) within the field of algae cultivation

The ILU (www.ilu-ev.de) is a non-university research institution in the legal form of a non-profit association. In the two research fields of food and environment, we implement research and development projects with national and international partners from industry and universities as well as research institutes to address the challenges of our time such as climate change, environmental pollution, resource scarcity, changing health and environmental awareness to manage rural development.

The ILU has many years of experience in the cultivation of phototrophic and heterotrophic microalgae on a laboratory and pilot plant scale. The research interests focus on the development of process control for the cultivation of algae and on the use of alternative nutrient sources from agriculture and the food industry.

Your tasks:

- Carrying out heterotrophic, phototrophic or mixotrophic algae cultivation
- Characterization of the composition of algal biomass (starch, protein, fats and fatty acids)
- Analysis of nutrients using HPLC and photometric tests
- Exchange of research results with national and international partners from industry and universities or research institutes
- Development of projects together with national and international partners from industry and universities or research institutes
- Publication of research results in national and journals as well as presentation at national and international conferences

Your profile:

- Completed scientific university studies in biology, bioengineering or another relevant subject
- very good knowledge of bioprocesses and especially algae cultivation
- Strong interest in application-oriented research and strong analytical skills
- Strong understanding of the challenges and opportunities of using algae biomass in the bioeconomy
- very good knowledge of English
- Independence, organizational skills and reliability

We offer:

- A responsible job and a diverse range of tasks
- Working independently in a diverse and interesting field in a committed, interdisciplinary team
- Exciting challenges in a lively research environment
- Individual freedom of design when processing tasks
- Creative, friendly and respectful work environment
- Flexible working time models with the option of mobile working
- Work-life balance
- 30 vacation days per year
- A permanent position

If you have any questions, Prof. Dr. Daniel Pleissner is happy to help (Tel.: 033841 798 957, E-mail: daniel.pleissner@ilu-ev.de).

The ILU promotes professional equality and heterogeneity among its employees. Applications from people with severe disabilities will be given priority if they have the same qualifications.

The places of work are Bad Belzig and Potsdam.

We look forward to receiving your application.

Please send your application (with cover letter, CV, certificates, if applicable list of publications/conference participation) by July 15th, 2024, preferably electronically (in a PDF file) or by post to:

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