



Postdoctoral position in Algal Biorefinery

The group of Algal Biorefinery of the Laboratory of Algal Biotechnology, at Centre Algatech, Institute of Microbiology CAS, Trebon (Czech Republic), led by José Cheel, invites applications for the position of one postdoctoral researcher.

We are seeking a highly qualified postdoctoral researcher to lead applied research in the exploration and advancement of multi-target biorefinery processes. The researcher will pioneer the development and implementation of state-of-the-art separation processes to recover valuable products from ground-breaking new cell biofactory. The R&D activities will start on a laboratory scale (TRL4) and then be transferred to a real operating environment (TRL7). The target products obtained will be subjected to thorough biological analyses to evaluate their biofunctional properties. The applications of the target products extend to various industries, including food supplements, food, cosmetics, pharmaceuticals and animal feed.

The Centre Algatech hosts several internationally recognized groups in microbiological research with a high proportion of foreign researchers, a friendly atmosphere and English as the working language. We have excellent facilities for research into separation sciences, natural products, molecular biology and biochemistry.

We are looking for candidates with:

- A PhD degree in biotechnology, chemistry, biology, pharmacy, biochemistry or a related field.
- Experience in applied research oriented to product and process development.
- First-author publications in well-established journals and a record of research excellence.
- Independent thinking, motivation and strong communication skills.
- Ability to write independently research grants proposals and scientific manuscripts.
- Experience in industry is an advantage.

We offer:

- Individualized mentoring.
- Co-operation with industry.
- Opportunities to network, work abroad and present data at regional and/or international conferences.
- Contract for up to 2 years including health insurance provided by the employer.
- 6 weeks paid holiday per year.

To apply: Please send a single PDF document in English with the following information to José Cheel (jcheel@alga.cz) by 19 January 2024.

- Letter of motivation outlining your suitability for the position (max. 1 page)
- Curriculum vitae (max. 2 pages)
- Contact information for 2 academic referees (please do not attach letters to the application)