

Postdoctoral research position in phycology / microbial genetics (f/m)

Join our international team of over 150 researchers and take advantage of the facilities and support provided by the Institute of Botany of the Czech Academy of Sciences. We value professionalism and friendly relations based on trust, respect, and teamwork. Thanks to our continuous joint efforts the Institute of Botany is a place where we can all flourish professionally and personally.

A **two-year postdoc research position** is opening at the Centre for Phycology of the Institute of Botany in Třeboň.

Main responsibilities and duties:

We are looking for a highly motivated independent postdoctoral researcher interested in working within the Centre for Phycology on any following topics: **Applied phycology, Taxonomy, Diversity, Ecology, Ecophysiology of photoautotrophic microorganisms.**

We prefer if the candidate would introduce **genetic and/or molecular biology** approach into any of above topics. The candidate may use existing data of the group and/or work on their own data collected previously and/or set up the collection of new data using the extensive facilities of the Institute.

Candidates will be expected to produce peer-reviewed publications in high impact international journals and present their results at international conferences. Candidates are expected to be able to establish their **own research focus** within the funding period. We will appreciate if they would secure future project funding, become a **junior group leader**, and stay with us beyond the initial funding period.

Requirements:

- PhD or equivalent in relevant fields
- high-quality research record
- experience in genetics and molecular biology of photoautotrophic microorganisms
- experience with scientific writing
- independent and systematic way of work
- excellent communication skills paired with a collaborative attitude
- English (excellent)

We offer:

The successful candidate will enjoy working in a collaborative team but must be highly self-motivated and work well independently.

The contract includes benefits such as:

- gross salary of between € 18.250 and € 18.700 per year (CZK 37.000-40.000/month)
- fully covered health insurance and contribution to the social security system
- temporary accommodation in IB premises located close to the workplace
- flexible working hours, 25 days of paid vacation, 5 sick days
- work in the historical city of Třeboň
- contribution to food expenses (vouchers)
- “Buddy programme” offering collegial support to newcomers from abroad
- support to prepare and submit your own project applications to ensure the continuity of your research
- training and mentoring for mentees
- training in “Academic writing” and a Czech language course

To apply please send:

- CV (including a list of publications)
- motivation letter stating the applicant’s research interests and expertise and describing previous work experience
- references (name and contact information of 2 referees)

Selection process:

- 1st round: evaluation of candidates based on CV and other information provided
- 2nd round: interview

Application deadline: 9 February 2022
Send applications to: recruitment@ibot.cas.cz, subject **Phyco 01**
Starting date: 1 March 2022 (at the earliest)
Type of employment: 1.00 FTE (i.e., 40 hrs/week)
Duration: two years (end date 31 December 2023)
Location: Třeboň, Czech Republic

Additional information:

CZECH ACADEMY OF SCIENCES

With almost 10.000 employees more than half of whom are researchers with university degrees, the Czech Academy of Sciences is the largest research-performing institution in the Czech Republic.

The primary mission of the Academy and its 54 institutes, including the Institute of Botany, is to conduct basic research in a broad spectrum of natural, technical, and social sciences and the humanities. Researchers also participate in education, particularly through doctoral study programmes for young researchers and by teaching at universities. The Academy fosters collaboration with applied research and industry.

INSTITUTE OF BOTANY

The Institute of Botany of the Czech Academy of Sciences is one of the main centres of botanical research in the Czech Republic and carries out fundamental research on plant species, populations, and communities. It offers researchers an excellent environment for field research, common garden, and laboratory experiments as well as laboratory analyses.

The Institute is composed of three Research Divisions located in Průhonice, on the outskirts of Prague, in Třeboň and in Brno.

CENTRE FOR PHYCOLOGY

The Centre for Phycology is located in the Třeboň research division. The main research areas of the Centre are the taxonomy, diversity, ecology, and ecophysiology of photoautotrophic microorganisms worldwide, with strong position in microalgae from cold habitats (high-mountain, polar). We are also involved in experimental and applied phycology focusing on the storage and high-value compounds of microalgae and methods of their cultivation. We have well-established co-operation with a reputable Culture collection of autotrophic organisms (CCALA, www.ccala.butbn.cas.cz), maintaining more than 800 strains of microalgae and cyanobacteria, and available at the workplace. More info:

<https://www.ibot.cas.cz/en/labs/centre-for-phycology/>

TŘEBOŇ

The beautiful city of Třeboň possesses a historical centre and spas and is surrounded by forests and lakes of the Třeboň lowlands. Thanks to its location in the middle of the Třeboňsko Protected Landscape area it is one of the most popular tourist destinations in the Czech Republic. The original wetlands have been transformed into a system of lakes and ponds which are sought after by nature lovers as well as by scientist who value its concentration of natural biotopes. Although the area is a product of man-made transformation, it is included in the

UNESCO list of biosphere reservations. Třeboň is easily accessible by public transport from the county town České Budějovice, which could extend possibilities for sports, cultural events, and shopping areas within easy reach. More info: <https://www.mesto-trebon.cz/>,
<https://www.trebonsko.cz/trebonsko/>