

## Full-time postdoctoral research position in plant-soil-microbial interactions

The Department of Population Ecology at the Institute of Botany of the Czech Academy of Sciences is seeking a talented and enthusiastic postdoctoral researcher to contribute to our ongoing research projects focused on plant-soil-microbial interactions and grassland stability. With increasing attention being paid to the impact of climate change on ecosystems, there is growing interest in understanding the determinants of plant community stability and the role of plant traits in these processes. As such, we are particularly interested in candidates who have expertise in plant-soil-microbial research and a passion for investigating the complex relationships between organisms in these systems.

We offer a friendly environment broadly interested in plant population biology, genetics, and epigenetics with a strong focus on plant-soil interactions and climate adaptation. Our group consists of researchers of diverse background who are often in the early stages of their careers. For more information about the department and research themes, see <https://www.ibot.cas.cz/popekol/language/en/>.

### Your tasks will include:

- Analysing and interpreting existing data sets related to the temporal stability of experimental grassland communities and the role of plant traits;
- Investigating the connections between bacterial and fungal rhizosphere responses and the outcomes of plant-soil feedback;
- Leading the writing of manuscripts;
- Writing of a project proposal for the National Czech Science Foundation to pursue additional funding to continue your research beyond the initial postdoctoral period;
- (Co-)supervision of students at various levels.

### Requirements:

- PhD degree in a relevant field such as (plant) biology or ecology;
- Exceptional data analytical and academic writing skills;
- Excellent R skills;
- Strong communication skills, with the ability to work independently and in a team;
- Proficient in English;
- Prior research experience in plant-soil-microbial interactions is a plus.



**We offer:**

- Full-time position at least until December 2024 in a young and friendly working group;
- Competitive salary following Central-European standards;
- Fully covered health insurance and contribution to the social security system;
- Temporary accommodation in Institute of Botany premises located close to the workplace;
- Flexible working hours, 25 days of paid vacation, 5 sick days;
- Work in the beautiful surroundings of the UNESCO World Heritage Site in Průhonice Park and Castle;
- Well-equipped molecular and soil analytical labs, greenhouses, growth chambers and an experimental garden to perform a wide range of experiments;
- Contribution to food expenses (vouchers);
- “Buddy programme” offering collegial support to newcomers from abroad;
- Project budget to attend conferences, workshops, purchase reference books etc.;
- Support to prepare and submit your own project applications to ensure the continuity of your research;

**To apply, please send:**

- A structured CV including a list of publications;
- A letter of motivation stating your research interests, expertise and description of previous work experiences;
- Name and contact information of 2 referees.

**Selection process:**

- 1<sup>st</sup> round: evaluation of candidate applications based on CV and the letter of motivation
- 2<sup>nd</sup> round: interview

Application deadline: **March 31, 2023** (later applications will be considered if the position remains vacant)

Send applications to: [recruitment@ibot.cas.cz](mailto:recruitment@ibot.cas.cz), with subject title Popecol 01  
Starting date: April 2023 (at the earliest)  
Type of employment: 40 hours/week  
Duration: until December 31, 2024 (with possible extensions)  
Location: Průhonice, Czech Republic

For questions about the position, please contact Dina in 't Zandt ([dina.intzandt@ibot.cas.cz](mailto:dina.intzandt@ibot.cas.cz)) or Zuzana Münzbergová ([zuzmun@natur.cuni.cz](mailto:zuzmun@natur.cuni.cz))