



The Franciszek Górski

INSTITUTE OF PLANT PHYSIOLOGY

Polish Academy of Sciences

The Franciszek Górski Institute of Plant Physiology of Polish Academy of Sciences is a leading scientific institution in biological and agricultural sciences. The Institute's strategic objectives are to conduct research of key importance to the development of science and the global economy, to organize internationally competitive research teams and to develop cooperation with the scientific community and industry.

OPEN POSITION

PHD CANDIDATE - RESEARCHER IN THE PROJECT

Biochemical system of glandular trichome microenvironment, its biocatalytic properties, and potential in biotechnology

QUALIFICATIONS

- Master degree in life sciences: biotechnology, biology, chemistry, or related
- Scientific curiosity with an interest in R&D
- Interest in working with plants and their biochemistry
- Willingness to develop skills in plant biochemistry, molecular biology, analytics, genetic engineering, enzymatic catalysis, biotechnology and bioprocessing
- Willingness to be a part of scientific community
- Willingness to take part in interdisciplinary project with international collaboration
- Good communication in English both in speech and writing
- Ability to organize one's own work
- Creativity, communication skills, conscientiousness.

TASKS

- Plant cultivation, and preparation of plant material for analyses
- Active participation in planning and performing experiments
- Co-supervising students
- Analyzing data and presenting results, also at the conferences
- Active participation in writing and preparing scientific publications, grants, conference posters, etc.

SCHOLARSHIP

- 5000 PLN (gross)/month
- Estimated start: October 2024
- Duration: 48 months.

HOSTING INSTITUTE:

The F. Górski Institute of Plant Physiology
Polish Academy of Sciences
Niezapominajek 21
30-239 Cracow
Poland

APPLICATION

- CV
- Short essay in English (up to one page, together with graphics, if any) on any aspect related to glandular trichome biochemistry and/or biotechnology or secondary metabolites*
- Recommendation letter will be a plus

* For example: a metabolite (or group of metabolites) synthesized in trichomes, its biosynthetic pathway, processing, extraction, analysis, etc.; producer plants, role of trichomes/metabolites in plants, role in humans and animals, application in medicine, science and industry, future trends, etc.

HOW TO APPLY

- Prepare your application in one PDF file entitled with: **PhD_Your name**
- Send your application to: dr. Paweł Rodziewicz: p.rodziewicz@ifr-pan.edu.pl
- Application deadline – 01.08.2024 23:59 CET
- The results will be announced by 15.09.2024 at latest.

If you have any questions related to the position or the project, please also contact dr. Paweł Rodziewicz.