INSTITUTION: **The Institute of Plant Genetics, Polish Academy of Sciences**

CITY: **Poznań**

POSITION: **postdoc**

DISCIPLINE: **agriculture and horticulture**

POSTED: **23.01.2026**

EXPIRES: **10.02.2026**

WEBSITE: **https://www.igr.poznan.pl/**

KEY WORDS: **pathogenic fungi interaction with plant, plant biotechnology**

DESCRIPTION

Director of the Institute of Plant Genetics, Polish Academy of Sciences (IPG PAS) in Poznan announces open competition for a postdoc position at the IPG PAS in the framework of the OPUS project: Specificity of the regulation of *Fusarium*-asparagus interaction by host metabolites and hormones produced during infection process (Position ref. number 3/2026)

Job details:

Number of positions: 1

Work location: Institute of Plant Genetics, Polish Academy of Sciences, Poznań, Poland, Plant-Pathogen Interaction Team

Type of contract: full-time, temporary for up to 2 years

Salary range: 8,375 PLN (ca. EUR 1,990) gross

Place of work: IPG PAS, Poznań, Poland

Start date: March 2026

Deadline for application: February 10th 2026

Required Qualifications

1. PhD in plant science, plant biotechnology, molecular biology, phytochemistry, or a related field, obtained in the year of employment in the project or within the 7 years preceding January 1st of the year of employment in the project.
2. Published at least 2 articles as first author in high impact journals relevant to the position.

3. Good organizational skills and experience working in a team.
4. Excellent communication skills in English.
5. During the period of receiving this remuneration, they will not receive a salary from another employer under an employment contract, including an employer based outside the territory of Poland.
6. Documented experience in conducting research in microbiology, mycology or molecular biology.
7. Experience in either library preparation and optimization for next generation sequencing (preferred) or molecular diagnostics of fungi and bacteria including derivation and maintenance of fungal cultures.
8. Preferred: additional experience in fungal genomics (in vitro or in silico), focus on secondary metabolite biosynthesis.
9. Active participation in scientific life in the form of giving lectures and presentations at scientific conferences, supervising junior researchers or participating in research projects.

Main Responsibilities and Requirements

The selected candidates will be expected to conduct experiments in one or more of the following research areas based on their skills and expertise:

1. Collaborative design and optimizing of the in vitro enrichment protocol for next generation sequencing library preparations,

2. Annotation of biosynthetic gene and cluster subsequences,

3. Analysis of greenhouse and field experiments, samples collection, extraction and purification of plant and fungal metabolites, data interpretation, manuscripts preparation,

4. Culturing of fungal isolates from environmental samples,

5. Hands-on experience in basic molecular biology techniques such as: Real Time qPCR, high-throughput SNP genotyping, next generation sequencing (NGS), high-performance liquid chromatography and high-resolution mass spectrometry (HPLC/MS),

6. Supervision of a younger co-investigator within the project during experimental parts of the project,

7. Additional scientific activity (publications, conference announcements and other forms of presenting results, participation in projects, research clubs, etc.) and organizational activity (e.g. organization of workshops, trainings, conferences).

What we offer

1. A full-time employment contract,
2. An attractive pension scheme and health insurance,
3. 36 working days of holidays per year,
4. Generous financial support for participation in national and international conferences,
5. Career development opportunities and a stimulating international working environment.

Required documents

1. Curriculum Vitae,
2. Complete list of publications,
3. Reprint of an article that the candidate considers as mostly relevant to the position,
4. Letter of motivation describing the candidate's research interests and activities,
5. Personal contact information of 3 possible reference persons,
6. Copy of degree or diploma,
7. Consent to the processing of the applicants personal data for the purposes of the selection process.

How to apply

Please send applications in English with all required documents in electronic format, combined in a single PDF document to: work@igr.poznan.pl with a copy to lste@igr.poznan.pl.

Clearly indicate the position for which you are applying in the subject line of the email. Informal inquiries about the position should be directed to prof. Łukasz Stępień (lste@igr.poznan.pl).

Selection Process

The documents submitted by applicants will be reviewed by the Selection Committee. Potential candidates will be invited for an on-line/on site interview (16-17.02.2026).

Criteria for evaluating candidates to be hired as postdoctoral fellows:

1. Match of the candidate's experience and skills with the proposed area of study,
2. Creativity as measured by:

a. Quality and number of publications in which the candidate is first author or corresponding author, number of citations of the candidate's work (Web of Science Core Collection, Scopus),

b. Number of patents/patent applications and/or implementations (if applicable),

c. Number of research projects and development work led (if applicable),

3. Mobility in their scientific career, including completed scientific internships, change of scientific profile, internships and work in industry.

Announcement of results: Immediately after the interviews.