



**Director of the Institute of Plant Genetics, Polish Academy of Sciences (IPG PAS) in Poznan
announces open competition for research position
(Position ref. number 1/2024)**

Job details:

Number of positions: 01

Work location: Institute of Plant Genetics, Polish Academy of Sciences, Poznań, Poland

Position type: research assistant or adjunct

Research areas: plant biology, genomics, proteomics, phenomics, metabolomics, crops

Type of contract: full-time, temporary for 3 years

Salary range: minimum 4242 PLN, depending on experience (gross)

Place of work: IPG PAS, Poznań, Poland

Start date: 01.03.2024

Deadline for applications: 29.02.2024

Required Qualifications

1. PhD in plant biotechnology, molecular biology, or a related field.
2. Publications in a field related to the topic.
3. Good organizational skills and experience in working in a team.
4. Excellent communication skills in English.
5. Experience with RNA extraction, microRNA profiling, qPCR analysis, high-throughput SNP genotyping, conventional phenotyping of cereals (manual measurements) and non-destructive automatic phenotyping (new generation), as well as high-resolution, digital root phenotyping in field conditions, next generation sequencing (NGS), high-performance liquid chromatography and high-resolution mass spectrometry (HPLC/MS) is an advantage, but not essential.

Main Responsibilities

1. Conduct experiments to comprehensive elucidation of spring barley at the phenome, transcriptome, proteome and metabolome level, as well as the regulation of the interaction of phytohormones via miRNA and the explanation of the role of epidermal structures in the aspect of phenological changes - all in response to different abiotic and biotic stresses occurring individually or simultaneously.
2. Analysis of greenhouse and field experiments, samples collection, samples extraction and purification for molecular and instrumental analysis, data interpretation, manuscripts preparation.
3. Molecular biology techniques such: Real Time PCR analysis, high-throughput SNP genotyping, next generation sequencing (NGS), high-performance liquid chromatography and high-resolution mass spectrometry (HPLC/MS).
4. 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 for the entire duration
2. 36 working days of vacation per year.
3. Excellent career development opportunities and a stimulating international working environment.

Required documents

1. Curriculum Vitae.
2. Complete publication list highlighting articles relevant to the advertised position.
3. Reprint of an article that the candidate considers to be the most important publication
4. Letter of motivation describing the candidate's research activities.
5. Contact information of 2 referees who may be contacted for an opinion about the candidate.
6. Scan or photocopy of degree or diploma.
7. Career break information (if applicable).
8. Experience certificates (if applicable).

9. 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 file, to: work@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 the following email address: akuc@igr.poznan.pl

Selection Process

The documents submitted by applicants will be reviewed by the Selection Committee to determine the applicant's suitability for the position. Potential candidates will be invited for an interview via video conference or by visiting IPGPAS.

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) and Hirsch Index;
 - b. Number of patents/patent applications and/or implementations (if applicable);
 - c. Quality and 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 deadline for applications.

The application must contain the following statement

"I, the undersigned, give my consent to the processing by the Institute of Plant Genetics, Polish Academy of Sciences (hereinafter referred to as IGR PAN) with headquarters at Strzeszynska 34, 60-479 Poznan, my personal data contained in the submitted competition documentation for the needs necessary in the recruitment process, including to put my name and surname in the information on the results of the recruitment carried out on the

Institute's website. I have been informed that consent is voluntary and that I have the right to withdraw my consent at any time, and withdrawal of consent does not affect the lawfulness of the processing that was carried out on its basis before its withdrawal. I have also read the IGR PAN information clause."

ATTENTION: at the stage of the recruitment process, there is no requirement to present documents certified by the apostille clause nor the requirement of nostrification of diplomas (<https://nawa.gov.pl/uznawalnosc/informacje-dla-uczelninostryfikacjadyplomow>). These requirements must be met if the candidate is accepted.