

**Director
of the Institute of Plant Genetics, Polish Academy of Sciences (IPG PAS) in Poznan
announces an open competition for the position of an assistant
in the Department of Gene Structure and Function IPG PAS**

The competition is open to persons who meet the conditions set out in the Act of 30 April 2010 on the Polish Academy of Sciences (Journal of Laws No. 96, item 619, as amended) and the Regulations for conducting competitions for scientific positions at the Institute of Genetics Plants, Polish Academy of Sciences in Poznan.

(No. of positions: 1)

INSTITUTION: Institute of Plant Genetics, Polish Academy of Sciences

CITY: Poznań

POSTION: assistant

SCIENTIFIC DISCIPLINE: agriculture and horticulture, biology

POSTED: 10-02-2021

EXPIRES: 10-03-2021

WEBSITE: <http://www.igr.poznan.pl/en/announcements-en/job-en/job-offers>

EMPLOYMENT: full-time at IPG PAS from March 2021

SALARY: 3205,00 PLN gross

KEY WORDS: Agronomy, genetics, cytogenetics, genomics, molecular biology, bioinformatics

DESCRIPTION:

Place of employment: Department of Gene Structure and Function, Institute of Plant Genetics, Polish Academy of Sciences, Poznań, Poland

Supervisor: dr hab. Michał Książkiewicz

Goal of employment:

- participation in the implementation of scientific research within Department of Gene Structure and Function,

Scope of research:

- genome-wide association mapping of agronomic traits (including days to flowering and maturity, pod shattering, yield and thousand grain weight, nutritional and antinutritional compounds seed content, resistance to pathogenic fungi) in selected grain legumes (soybean and three lupin species: white, narrow-leafed and yellow);
- improvement of linkage maps and quantitative trait loci mapping in mapping populations (three lupin species: white, narrow-leafed and yellow);
- structural and functional analysis of genes showing significant association/linkage with studied traits, commenced with the use of novel molecular techniques: high-

throughput sequencing, quantitative PCR, gene silencing, quantitative and qualitative analysis of proteins and secondary metabolites;

- analysis of functional diversity of selected gene homolog duplicates (both between duplicates in a particular species and between species within a genus)
- cytogenetic analyses of lupins by fluorescence in situ hybridization with molecular probes (BAC clones and oligonucleotides)

Required qualifications:

- PhD diploma in agricultural sciences;
- at least 5 years of experience in scientific work;
- ability to work independently, to plan experiments, to contract and test research questions and hypothesis;
- fluent English;
- publication records in the field of molecular cytogenetics, association mapping and genetic mapping using molecular markers (published in renowned international scientific journals);
- practice in sequence analysis using bioinformatic tools for gene annotation, design of primers for PCR and RT-qPCR, design of oligonucleotide probes for fluorescence in situ hybridization, design of CAPS and dCAPS markers;
- proficiency in such molecular techniques as DNA and RNA isolation, restriction enzyme cleavage, agarose gel electrophoresis, PCR, quantitative Real-Time PCR, high resolution DNA melting, preparation of cytogenetic slides and fluorescence in situ hybridization;
- ability to analyze the results of quantitative Real-Time PCR gene expression profiling;
- experience in writing grant proposals and leading of research project

Duties:

- conducting research at a high scientific level, submitting individual and team research projects, publishing results in renowned scientific journals, cooperation with the other national and international teams.

Criteria of candidates' assessments to be employed at scientific positions at the IPG PAS:

1. Matching the candidate's experience and skills to the planned field of study
2. Scientific achievements measured by:
 - a) publications, conference communications, other forms of presentation of scientific research,
 - b) scientific and organisational activity,
 - c) participation in research projects and development works.
3. Mobility in their scientific career, including completed scientific and practical internships.

Documents required

1. Application for the employment to the Director of the Institute.
2. CV in Polish or English.
3. Self-description (1 page A4) containing concise information about scientific interests, previous achievements and own research plans.
4. Scan or photocopy of the university diploma.
5. Scan or photocopy of the scientific degree diploma.

6. List of publications, conference communications, other forms of presentation of scientific research, other scientific activities.
7. List of research projects, in which the candidate was the principal investigator or a contractor.
8. Names of two persons who may provide references. Please provide their positions and contact data, including e-mail addresses.
9. Consent to the processing of personal data of the Candidate for the purposes of the competition.
10. Candidate's statement about getting acquainted with the Regulations for conducting competitions for scientific positions at the IPG PAS.

Documents in the electronic form (in 1 pdf file) must be sent by e-mail to: work@igr.poznan.pl putting in the title: „Position assistant, Department of Gene Function and Structure”.

Announcement of the results: Within one month from the deadline for applications.

Stages of the recruitment procedure:

- deadline for applications - **10.03.2021**
- selection of best candidates by the Competition Commission appointed by the Director
- interview and assessment of the selected candidates by the Competition Commission
- decision of the Director

Candidates with negative opinions from the Commission have the right to appeal against the results of the assessment. This appeal submitted to the Director of the Institute within 7 days from the date of receipt of the information. The decision of the Director of the Institute on this appeal is final.

Note: each of the submitted candidates will receive individual information about the results of the competition in relation to their person. Information on the winner of the competition will be provided on the Institute's website.

Apostille clause and nostrification of diplomas

We would like to inform that foreign diplomas entitle to continue education in Poland on the principles set out in international agreements, and in the absence of such agreements - on the basis of relevant national provisions, by way of nostrification. Therefore foreigners and Polish citizens who have obtained a professional title or a degree abroad to check whether their diploma confirms having higher education at a given level in Poland and whether it entitles them to apply for the admission to doctoral studies / third degree or to opening doctoral thesis procedure.

Information in writing about the diploma obtained abroad, in particular about the level of education and the status of the university, at the request of the person concerned, is provided by the Director of the National Academic Exchange Agency. Information is provided on the basis of documents submitted by the applicant. Detailed information can be found at: <https://nawa.gov.pl/uznawalnosc/informacje-dla-uczelninostryfikacja-dyplomow>

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. These requirements must be met if the candidate is accepted.

Information clause:

In accordance with the content of Article 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/WE (hereafter referred to as 'GDPR'), we inform you that:

- The administrator of the collected personal data is the Institute of Plant Genetics of the Polish Academy of Sciences (hereinafter referred to as IGR PAN), Strzeszyńska 34, 60-479 Poznań, Regon: **000326204**, NIP: **7811621455**.
- Contact with the Inspector of Personal Data Protection of the Institute of Plant Genetics of the Polish Academy of Sciences in Poznań is possible by e-mail: iodo@igr.poznan.pl,
- Personal data is processed for the purpose of the Administrator's tasks related to the recruitment for the vacant position.
- Personal data is processed in case of candidacy for a specific position on the basis of art. 6 paragraph 1 point c of GDPR in connection with art. 221 - 221b of the Labour Code. The legal basis for the processing of data in case of possible claims is the realization of legally justified interests of the administrator, i.e. Art. 6 paragraph 1 point f) GDPR.
- Your data collected in the current recruitment process will be kept for one year from the date of completing the recruitment process in case of any claims. After this period your personal data will be effectively destroyed, which will result in no access or possibility of reconstruction.
- In case of selection of a given candidate - personal data of the candidate will be transferred to the administration of IGR PAN in order to establish an employment relationship. Personal data of the candidate who won the recruitment will then be processed for the purpose: To perform the contract to which the selected candidate is a party, as well as to take action on behalf of the selected candidate prior to the conclusion of the contract (in accordance with Art. 6 paragraph 1 point b of GDPR).
- With regard to the personal data collected, IGR PAN will not make decisions by automated means.
- Your personal data will not be transferred to a third country.
- The candidate whose data is processed is entitled:
 - the right to access the content of their personal data, to request their rectification, restriction of processing or deletion;
 - the right to object to the processing of his or her data;
 - to file a complaint with the President of the Office for Personal Data Protection.