



**Director of the Institute of Plant Genetics, Polish Academy of Sciences (IPG PAS) in Poznan announces open competition for four postdoc positions in various disciplines (plant science, biotechnology, chemistry and nanotechnology at the IPG PAS in the framework of the Horizon 2020 ERA Chair project (NANOPLANT- GA856961) funded by the EU and OPUS project (UMO-2022/45/B/NZ9/02135) funded by NCN.**

**Job details:**

Number of positions: 04

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

Research areas: Plant biology, nanotechnology

Type of contract: full-time, temporary, initially for 6 months and extendable upto 3 years

Salary range: EUR 3200 to 3500 (double gross)

Place of work: IPG PAS, Poznań, Poland

Start date: Immediately

Deadline: open until suitable candidates found

**Required Qualifications**

1. PhD in plant science, biotechnology, chemistry and nanotechnology or a related field.
2. Published at least 2 articles as first author in high impact journals.
3. Good organizational skills and experience working in a team.
4. Excellent communication skills in English.
5. Interdisciplinary research experience is an advantage, but not essential

**Main Responsibilities**

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. Analysis of plant cell viability, reactive oxygen/nitrogen species and phytotoxicity

2. Molecular biology techniques such as gene cloning, quantitative real-time PCR, plant transformation
3. Extraction and analysis of secondary metabolites using high performance chromatographic techniques
4. Handle transcriptomics and metabolomics related software and tools
5. Physicochemical characterization of nanoparticles using relevant techniques
6. Quantification of nanoparticles and metal ions in plant samples (ICP-MS, TXRF etc)
7. Writing high quality research articles, communications, and scientific reports

#### **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. Excellent career development opportunities and a stimulating international working environment.

#### **Required documents**

1. Curriculum Vitae.
2. Complete publication list.
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 3 references who may be contacted for an opinion about the candidate.
6. Scan or photocopy 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](mailto:work@igr.poznan.pl)

Clearly indicate your area of expertise namely plant science, biotechnology, chemistry and nanotechnology in the subject line of the email.

For more information about the project and ongoing research, please visit <http://nano-plant.eu>. Informal inquiries about the position should be directed to the following email address: [fgre@igr.poznan.pl](mailto:fgre@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 in person. The selection process will continue until suitable candidates are identified.

Criteria for evaluating candidates to be hired as postdoctoral fellows: IPG PAS:

1. Compatibility of the candidate's experience and skills with the proposed area of study
2. Quality and number of publications in which the candidate is first author or corresponding author;
3. Number of patents/patent applications and/or implementations (if applicable);
4. Quality and number of research projects and development work led (if applicable).
5. Mobility in their scientific career, including completed scientific internships, change of scientific profile, internships and work in industry.

**Announcement of results:** As soon as the positions are filled.

### **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-uczelni/nostryfikacja-dyplomow>). These requirements must be met if the candidate is accepted.