



Instytut Uprawy
Nawożenia i Gleboznawstwa
Państwowy Instytut Badawczy



Directorate of the Institute of Soil Science and Plant Cultivation State Research Institute

**Announces a competition for the post of Assistant (R2)
in the Department of Biochemistry and Crop Quality**

Name and job description including European classification:

Recognised Researcher (R2) researcher with a doctoral degree. The profile applies to individuals who are not fully independent researchers.

I. Scope of research work

1. research into the chemical structure, activity and potential for practical use of plant-specific biologically active substances,
2. identify the influence of environmental, agrotechnical and genetic factors on the qualitative and quantitative composition of substances affecting the nutritional value of crop plants,
- 3 Study of vegetable post-extraction waste, its use in animal nutrition and the manufacture of food supplements,
4. study of the influence of biotic and abiotic factors on the chemical composition of plants,
5. Biosynthesis of natural compounds *in vitro*,
- 6 Improve and develop methods for determining the content of selected plant components.

II. Conditions to be met by the candidate

Mandatory requirements

1. Doctoral degree in agricultural and/or related sciences,
2. At least 2 years of experience in research or professional work thematically related to the field of research activity (e.g. postgraduate or doctoral studies, research internship),
3. Achievements in previous work, including authorship or co-authorship of at least one scientific paper from the list of journals of the Ministry of Science and Higher Education and presentation of research results (paper, poster),

4. An aptitude for academic work (e.g. participation in research projects),
5. Demonstrated knowledge of spoken and written English,
6. Ability to operate computer equipment and knowledge of basic software.

Additional skills useful for the position

1. Practical knowledge of chromatographic techniques in qualitative and quantitative analysis: liquid chromatography coupled to UV-Vis and MS detection (UHPLC-PDA-MS).
2. Practical ability to operate low and high resolution mass spectrometers from Bruker and/or Waters.
3. Familiarity with mass spectrometry-related software (e.g. Bruker DataAnalysis, Waters MassLynx/QuanLynx).
4. Knowledge of software for processing data from untargeted and targeted metabolomics experiments: MS-DIAL, MetaboAnalyst.
5. Practical skills in the isolation of specific plant and fungal metabolites, including low-, medium- and high-pressure chromatographic methods (FLASH, MPLC, HPLC-ELSD).
6. An overseas internship of at least one year.
7. Knowledge of the Polish language at least at an intermediate level (B2) (for people from abroad).
8. International cooperation documented by scientific articles in international journals from the Philadelphia list having a cumulative IF of at least 40.

III. Professional development prospects:

An assistant professor may be promoted to the position of assistant professor after fulfilling the following conditions:

1. Doctoral degree in agricultural, biological, chemical sciences. Economics or a related field,
2. Achievements in previous scientific work, including authorship or co-authorship of scientific publications with a total value of at least 100 points based on the evaluation according to the list and scoring of journals from the list of the Ministry of Science and Higher Education (MNiSW) (min. 3 publications in journals included in the indexation of the Journal of Citation Report), of which at least 24 points gained after obtaining the doctoral degree,
3. Development and submission of a formally correct research project to NCN, NCBR or other research funding institution,
4. Motivation for scientific work documented by publications and participation in scientific life (including acting as an assistant promoter, scientific internships, participation in scientific conferences).
5. Demonstrated knowledge of spoken and written English.

Adjunct professors may be promoted to the post of Institute Professor upon completion of the following conditions:

1. For an assistant professor holding a postdoctoral or doctoral degree in agricultural, biological, chemical, economic or related sciences:
 - willingness to undertake research issues justified by the needs of the Institute.
 - leadership of an externally funded research project or equivalent.
 - a national or foreign research placement, or a comparable collaboration with a foreign research institution, documented by joint projects and/or scientific output.
 - achievements in the training of scientific staff - acting as a supervisor in at least one doctoral thesis initiated.
 - achievements in previous scientific work, including authorship or co-authorship of scientific publications with a total value of at least 300 points based on the evaluation according to the list of journals from the list of the Ministry of Science and Higher Education.
 - Activity in scientific life and organisational skills (reviews of doctoral theses and in postdoctoral proceedings and of publications and/or research projects, organisation of and participation in conferences, organisation of workshops, courses, etc.).
2. In the case of an assistant professor holding a doctoral degree:
 - demonstration of outstanding scientific achievements in the represented field with a total value of at least 300 points based on the evaluation according to the list and scoring of journals from the list of the Ministry of Science and Higher Education;
 - acting as assistant supervisor in at least one doctoral thesis;
 - having a recognised organisational track record of implementing and disseminating research results (e.g. obtaining a patent or documented implementation);
 - Qualifications are assessed by the Scientific Council on the basis of the opinions of two reviewers, one of whom is from outside the Institute.

Adjunct professors may be promoted to the position of professor after fulfilling the following conditions:

- the academic title of professor in agricultural, biological, chemical or economic sciences;
- willingness to undertake research issues justified by the needs of the Institute;
- achievements in previous scientific work, including authorship or co-authorship of scientific publications with a total value of at least 450 points based on the evaluation according to the list of journals from the list of the Ministry of Science and Higher Education;
- Participation in the training of scientific staff - acting as supervisor in at least two doctoral dissertations, reviewing doctoral theses and in habilitation and professorship proceedings.

IV. Remuneration of the staff member employed as an assistant:

Basic salary of 105 - 220% of the minimum wage

V. Documents required

1. Curriculum Vitae
2. Cover letter - briefly outlining the Candidate's interests.
3. Research and scientific achievements to date and future career plans
4. Documents evidencing academic degrees and titles held,
5. List of publications and other scientific achievements
6. Proof of English language skills
7. A declaration that upon taking up employment, the Institute will be the principal place of work
8. Consent to processing of personal data

IUNG-PIB employees are not obliged to submit the documents listed in points 4, 7

VI. Form, date and place of submission of documents:

The required documents should be sent by post to the address of the Institute (Institute of Soil Science and Plant Cultivation - State Research Institute, 24-100 Puławy, ul. Czartoryskich 8 or submitted in person to the Institute's staff from Monday to Friday from 7 -15⁰⁰⁰⁰ or electronically to the e-mail address: kadry@iung.pulawy.pl by **11.04.2023r.**

The announcement of the results will take place no later than 2 weeks after the conclusion of the competition.

The Institute may recruit a member of staff as from the 01st of the month following the announcement of the results of the competition. I am informed that the Institute has implemented and maintains the standards of the European Charter for Researchers and the principles of the Code of Conduct for the Recruitment of Researchers and the OTMR policy, in accordance with the guidelines and recommendations of the European Commission.

Information clause on the processing of personal data of the person participating in the selection procedure

With reference to the content of Article 13 of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation) - (OJ EU.L 119 of 04.05.2016, p. 1 and OJ EU.L 127 of 23.05.2018 p. 2 hereinafter the "Regulation") the Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy informs that:

1. **The administrator of your personal data** is the Institute of Soil Science and Plant Cultivation - State Research Institute (address: ul. Czartoryskich 8, 24-100 Puławy, tel. 81 4786 700 or 800, e-mail: iung@iung.pulawy.pl iung@iung.pulawy.pl).
2. The Data Controller has appointed a **Data Protection Officer with** whom you may contact in matters concerning the processing of your data and the exercise of your rights in relation to the processing of your data, through the e-mail address: iod@iung.pulawy.pl, telephone number - 81 4786 738, or in writing to the postal address of the Personal Data Controller indicated in section 1.
3. **Purposes of processing and legal basis for processing**
 - Your personal data, to the extent indicated in the provisions of the labour law (Article 22¹ of the Labour Code and § 1 of the Regulation of the Minister of Labour and Social Policy of 28.05.1996 on the scope of keeping documentation by employers in matters related to the employment relationship and the manner of keeping the employee's personal file) will be processed by the Administrator of personal data on the basis of Article 6(1)(b) of the Regulation in order to conduct the recruitment procedure for the position of the President of the Company.
 - Article 6(1)(c) of the Regulation, the processing is necessary for the fulfilment of a legal obligation incumbent on the controller - Act of 16 December 2016 on the principles of state property management. The source of personal data will be information and documents provided by the data subject.
 - With regard to data not required by law - the legal basis for processing will be your consent (Article 6(1)(a) of the Regulation). Your consent can be withdrawn at any time, without affecting the lawfulness of the processing carried out before its withdrawal.
4. **Period of processing** - personal **data** will be processed until the end of the qualification process.
5. **Recipients of the data** - your data may be accessed by authorised employees of the Administrator - members of the selection board.
6. **Rights related to data processing** - You have the right to access your data, to request rectification, erasure or restriction of processing, to object to processing, to data portability, in the cases specified in the Regulation.
7. Consent to the processing of personal data can be withdrawn at any time, without affecting the lawfulness of the processing carried out before the withdrawal.
8. If you consider that the processing of your personal data violates the provisions of the Regulation, you have the right to lodge a complaint with the President of the Data Protection Authority.
9. **Information on automated decision-making and profiling** -the Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy will not use your data for automated decision-making and profiling.
10. The provision of personal data contained in the application for the position of President of the Company is voluntary, but is a condition to proceed with the procedure of the said selection procedure. The personal data obtained will not be transferred to a third country/international organisation.