Instytut Uprawy
Nawożenia i Gleboznawstwa
Państwowy Instytut Badawczy

DIRECTOR OF THE INSTITUTE OF SOIL SCIENCE AND PLANT CULTIVATION – STATE RESEARCH INSTITUTE ANNOUNCES A COMPETITION FOR A POSITION OF AN ADJUNCT AT THE DEPARTMENT OF BIOCHEMISTRY

I. Name and description of the work position, including European classification

Recognized Researcher (R2) - a holder of a doctoral degree or its equivalent, who is not an autonomous researcher:

- Holders of a doctoral degree who have not yet attained a clear level of autonomy.
- Researchers at an equivalent level of experience and competence.

II. Range of research works

1. Studies of the chemical structure, activity and practical use of biologically active substances specific to plants,
2. Determination of the influence of environmental, agritechnical and genetic factors on the qualitative and quantitative composition of substances affecting the nutritional value of crops,
3. Testing of post-extraction vegetable waste, its use in animal nutrition and in the manufacture of food supplements,
4. Study of the influence of biotic and abiotic factors on the chemical composition of plants,
5. In vitro biosynthesis of natural compounds,
6. Improvement and development of methods for determining the content of selected plant components.

III. Requirements for the candidate

1. Obligatory Requirements

a) Doctoral degree in the field of agricultural, biological, chemical or related sciences.
b) Achievements in previous scientific work, including authorship or co-authorship of scientific publications with a total value of 100 parametric evaluation points according to the list and scoring of journals of the Ministry of Science and Higher Education (at least 3 publications in journals covered by the Journal of Citation Report), whereas at least 24 points were gained after obtaining the degree of doctor of science.
c) Developing and submitting a research project to NCN, NCBR or other research financing institution.
d) Motivation for scientific work documented by publications and participation in scientific life (including scientific internships, participation in conferences).
e) Fluency in English in speech and writing, documented with minimum B2 certificate

2. **Additional requirements, useful for this job position**

a) Practical knowledge of metabomical research techniques, with particular emphasis on plant metabolism.
b) Practical knowledge of the operation and use of Thermo, Bruker and Waters mass spectrometers.
c) Practical knowledge of liquid chromatography (HPLC), ultra efficient liquid chromatography (UHPLC), gas chromatography (GC) and capillary electrophoresis (CE) techniques with detection by mass spectrometry, enabling development and validation of advanced analytical methods.
d) Knowledge of mass spectrometry software (Bruker Compass, Hystar, Data Analysis, Thermo Xcalibur and Waters MassLynx).
e) Knowledge of data processing software from non-directed and targeted metabolic experiments: Bruker ProfileAnalysis, Bruker TASQ, XCMS, MetaboAnalyst.

IV. Perspectives for professional development

1) An adjunct may be promoted to the position of an associate professor after fulfilling the following conditions:

- *In the case of an adjunct holding the degree of doctor habilitated or doctor in the field of agricultural, biological, chemical, economic or related sciences:*
  a) Readiness to undertake research issues justified by the needs of the Institute.
  b) Managing an original grant or an equivalent project financed from external funds.
  c) Domestic or foreign scientific internship or comparable cooperation with a foreign research institution documented by joint projects and/or scientific achievements.
  d) Achievements in the training of scientific staff - acting as a promoter in at least one doctoral thesis instituted.
  e) Achievements in the hitherto scientific work, including authorship or co-authorship of scientific publications with a total value of 300 parametric points according to the list and scoring of journals of the Ministry of Science and Higher Education .
  f) Achievements in educating of the academic staff - acting as a promoter in at least one PhD program.
  g) Activity in scientific life and organizational skills (reviews of publications and/or research projects, organization and participation in conferences, organization of workshops, courses, etc.)

- *In the case of an adjunct holding the doctoral degree*
  a) Demonstrating distinguished scientific achievements in the represented field with a total value of 300 points of parametric evaluation according to the list and scoring of journals of the Ministry of Science and Higher Education.
  b) Performing the function of an auxiliary promoter in at least one PhD program.
  c) Demonstrating recognized organizational achievements in the implementation and dissemination of research results.
  d) The candidate's qualifications shall be assessed by the Scientific Council based on the opinions of two reviewers, including one from outside the Institute.

2) An adjunct may be promoted to the position of a full professor after fulfilling the following conditions:

a) Obtaining scientist title of professor in agricultural, biological, chemical or economic sciences
b) Ability to take up research issues in line with the Institute's needs.

c) Achievements in the hitherto scientific work, including the authorship or co-authorship of scientific publications with a total value of at least 450 points on the basis of the evaluation according to the list and scoring of journals from the Ministry of Science and Higher Education.
d) Participation in the training of research staff - acting as a promoter in at least two doctoral theses, reviews of doctoral theses, and habilitation and professor-award procedures.

V. Remuneration:

PLN 2600.00 to 5500.00 per month, depending on the documented work experience, useful for this job position.

VI. Required documents:[1], [2]

1. Curriculum vitae
2. Cover letter-outlining briefly the interests of the candidate
3. A list of the hitherto scientific and research achievements and plans for further career
4. Documents confirming the candidate's education.
5. A list of scientific achievements.
6. A statement that after the acceptance of the employment, the Institute will be the primary place of work for the candidate
7. A consent to the processing of personal data

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

1. The required documents should be sent by traditional post to the Institute's address (Instytut Uprawy Nawożenia i Gleboznawstwa – Państwowy Instytut Badawczy, 24-100 Puławy, ul. Czartoryskich 8) or submitted personally to the Institute's HR department from Monday to Friday, between 7 AM and 3 PM, by 15 August 2018, or by e-mail to: kadry@iung.pulawy.pl
2. The results will be announced no later than 2 weeks after the end of the competition procedure.
3. The Institute shall recruit staff members as from the 1st day of the month following the publication of the results of the competition, after obtaining the opinion of the Scientific Council.
4. 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, as well as the OTM-R policy, in accordance with the guidelines and recommendations of the European Commission.

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[1] Documents proving the employment and other documents may be provided in the form of scanned documents if the candidates send their application by e-mail. The originals or certified copies must be provided in the case of winning the competition, before signing the contract of employment.

[2] IUNG-PIB employees are not obliged to submit documents listed in points 4, 6, 7.

A link to the open, transparent, and candidate's competency-based recruitment policy (OTM-R) for researchers at the Institute for Soil Science and Plant Cultivation - Sate Research Institute - http://hr.iung.pulawy.pl/doc/pl/iung_otmr_politics.pdf

Dyrektor
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prof. zw.