



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

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

First Stage Researcher (R1) until obtaining PhD degree. This profile covers persons carrying out research under the supervision of research universities or research institutes. Applies to candidates who have not obtained their doctoral degrees.

II. Scope of research works

1. Studies on the chemical structure, activity and practical feasibility of the 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 cultivated plants,
3. Testing of post-extraction vegetable waste for 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 the determination of the content of selected plant components

III. Requirements for the candidate:

1. Obligatory requirements:

- a) Master's degree in the field of agricultural, biological, chemical, or related sciences.
- b) At least 2 years of experience in scientific and research work or in professional work thematically connected with the research area (eg doctoral, post-doctoral studies, scientific internship).
- c) Achievements in previous scientific work, including authorship or co-authorship of at least one scientific work and presentation of research results (lecture, poster).
- d) Predispositions to scientific work. (participation in scientific projects)
- e) Documented knowledge of a foreign language in speech and writing, documented with minimum B2 certificate.
- f) Ability to use computer hardware and knowledge of basic office software (Word, Excel, Power Point).

2. Additional requirements, useful at this job position:

- a) Ability to handle and interpret NMR results.

IV. Perspectives for professional development:

