

Department of Agricultural, Environmental and Food Sciences

Position: Research Assistant with a three-year fixed-term employment relationship, under a fixed-term commitment regime, for the Recruitment Sector (SC) 07/D1 PLANT PATHOLOGY AND ENTOMOLOGY, Scientific Disciplinary Sector (SSD) AGR/12 PLANT PATHOLOGY.

Program of teaching, student assistance and research activities:

Teaching activity: the candidate will have to carry out teaching activities, including supplementary teaching activities and tutoring to undergraduate and graduate students, within the active teachings of the Scientific Disciplinary Sector AGR/12 PLANT PATHOLOGY for all degree and master's degree courses of the Department of Agricultural, Environmental and Food Sciences as well as for other degree courses active in the University of Molise, for the research doctorate, for the masters, and for any teaching carried out at an international level.

Research activity: the candidate will have to carry out research activities contemplated among the topics listed in the plan of the Scientific Disciplinary Sector AGR/12 PLANT PATHOLOGY and referring in particular to:

- Selection, characterization and evaluation of biocontrol microorganisms, substances of natural origin and compounds of other nature, study of the mechanisms of action and optimization of the activity and their use against phytopathogenic fungi and bacteria.
- Location of the activities: Department of Agricultural, Environmental and Food Sciences of the University of Molise - Campobasso. The researcher could carry out part of the activities in other Departments of the University of Molise and other national and foreign scientific institutions, based on the specific needs of the research program.

Objectives of scientific productivity (publications, conferences, other types of products) and qualitative characteristics of scientific production:

The candidate will have to set himself high-profile research objectives, with publications in internationally spread journals having a high impact on the international scientific community which lead him to provide a significant contribution in the next Research Quality Evaluations (VQR) of the Department of Agricultural, Environmental and Food Sciences of the University of Studies of Molise.

Maximum number of publications that the candidate can submit: 12.

Foreign language of which in-depth knowledge is required: English.

(N.B.: Foreign candidates must also have a good knowledge of the Italian language)

Methods by which the researcher will be required, periodically and at the end of the contract, to report the results of the work carried out: annual report of the teaching and research activities carried out, of the research projects in progress and of the expected results in terms of publications in national and international spread journals.