

Department of Agricultural, Environmental and Food Sciences - University of Molise

- Profile:

One fixed term researcher position [as art. 24, comma 3, letter b) with duration of 3 years and a full-time appointment for the Disciplinary Scientific Sector AGR/12 PLANT PATHOLOGY, competition sector 07/D1 PLANT PATHOLOGY AND ENTOMOLOGY.

- Place of activities: Department of Agricultural, Environmental and Food Sciences - University of Molise, 86100 - Campobasso ITALY.

- Department where the selected candidate will be employed: Department of Agricultural, Environmental and Food Sciences - University of Molise

- Specific functions that the researcher must carry out (type of teaching and scientific commitment):
Program of teaching activities, service to students and research activities:

the candidate has to carry out teaching activities, including supplementary teaching activities and mentoring to undergraduate students of first cycle degree courses of Agricultural and Forestry Science and Technologies, Food Science and Technology, to students of second cycle degree courses of Agricultural Science and Technology, Food Science and Technology, Forest Science and Mountain Landscapes, and to the PhD school UNIMOL at the University of Molise. Such activities will pertain Plant pathology and, more specifically, Postharvest plant pathology, Mycotoxins in agrifood productions, Biocontrol of plant pathogens, Biotechnological and Molecular-based applications for protection from plant diseases and Bioinformatics.

The main teaching activity and laboratory practical work for students will be assigned to the researcher by the Department of Agricultural, Environmental and Food Sciences

- Scientific productivity objectives (publications, national and international conferences) and qualitative characteristics of the scientific production:

the candidate must set and pursue highly qualified research objectives aiming at publications in high ranking international scientific journals, in order to give a significant contribution for the VQR evaluations of the Department of Agricultural, Environmental and Food Sciences. The research activity must be carried out in Plant pathology, with particular reference to Mycology, Postharvest plant pathology, Prevention of Mycotoxins contamination of agrifood productions, Biocontrol of plant pathogens. In particular, the research activity will be focused on the study of basidiomycete yeast biocontrol agents through a molecular genetics and bioinformatics approaches.

- Foreign language skills required: english language.

- Maximum number of publications presentable from the candidates: 12 publications recorded in international database (Scopus e ISI).

- Evaluation modalities of the researcher which will be held, periodically and at the end of the contract, to report the results of the work carried out: report on the research and teaching activities.