

Department of Agricultural, Environmental and Food Sciences

- Position:

Public competition for the recruitment of 1 researcher with a fixed-term employment contract for three-year research program with regard to article 24 of Law number 240/10, paragraph 3, letter b for the Scientific Disciplinary Sector: AGR/15 FOOD SCIENCE AND TECHNOLOGY, Competition sector: 07/F1 FOOD SCIENCE AND TECHNOLOGY.

- Program of teaching activities, student assistance and research:

- Teaching duties: holding classes, including supplementary lectures, tutorials, and support in any other form to students for the disciplines relating to the AGR/15 Scientific-Disciplinary Sector for I) the Degree Course in Food Science and Technology (L26), II) the Master's Degree in Food Science and Technology (LM70), III) the Interuniversity Professionalizing Degree Course in Food Technologies for Confectionery Production (L26), IV) the Ph.D. course Agriculture, Technology and Biotechnology, V) other Degree Courses of the University of Molise, with particular reference to the disciplines of Unit Operations and Conditioning, Food technology processes and Technologies of cereals and derivatives. The lectures and laboratory activities will be assigned to the researcher by the Department of Agricultural, Environmental and Food Sciences.

- Scientific duties: research in the field of Food Science and Technology, S.S.D. AGR/15 FOOD SCIENCE AND TECHNOLOGY, with particular reference to the assessment of the aptitude for processing cereal-based ingredients/mixtures/dough, through instrumental analysis (rheological tests and texture analysis); to the study of encapsulation systems for bioactive compounds for the development of innovative and functional foods; to the chemical, physical and rheological evaluation of sauces/creams/emulsions obtained from different ingredients (flours, oils and fats, etc.).

- Scientific production goals (scientific papers, conferences, other types of products) and qualitative features of the scientific production:

The candidate should carry out research with a high international profile, with publications in international journals that could provide a significant contribution to next Research Quality Assessment (VQR) of the Department of Agricultural, Environmental and Food Sciences of the University of Molise.

- Location of the activities: Department of Agricultural, Environmental and Food Sciences, Università degli Studi del Molise, Campobasso.

- Maximum number of publications that can be presented by the candidate: 12 (twelve) peer-reviewed scientific papers with ISI WoS e/o Scopus indices, within the scientific sector AGR/15.
- Department where the selected candidate will be incardinated: Department of Agricultural, Environmental and Food Sciences, Università degli Studi del Molise, Campobasso.
- Required language competences: English language.
- Periodic and final reporting mode of the achieved work results the researcher is required to submit: Annual report of the teaching and research activities.