







*IRTA is a research institute owned by the Government of Catalonia ascribed to the Ministry of Climate Action, Food and Rural Agenda. IRTA is one of the CERCA centers of excellence of the Catalan Research System. Our purpose is to contribute to the modernization, competitiveness and sustainable development of agriculture, food and aquaculture sectors, the supply of healthy and quality foods for consumers and, generally, improving the welfare and prosperity of the society. We are granted by the EU with the [HRS4R](#) distinction for "HR Excellence in Research" and thus we offer a rich environment for knowledge development and exchange where to develop a scientific career, and possibilities for professional promotion according to the attained achievements. Check our initiatives [here](#).*

## Plant and Soil Microbiologist for the Sustainable Plant Protection Program

[ref. 129/22]

IRTA is currently seeking an enthusiastic and motivated researcher with a PhD related to Microbiology and Plant Protection to join the [Sustainable Plant Protection Program](#). We invite applications from ambitious candidates with a deep knowledge on the interactions between soil and plant microbial populations, their manipulation and application to agricultural crops and their role in disease and pest management, accordingly with the main research lines of the Sustainable Plant Protection program. The appointed candidate will lead research of excellence to boost advances in this area of knowledge. Within this framework, IRTA is proposing a research position with the following characteristics.

-  Head of the Program: Dr. Jordi Riudavets  
Program's key researcher/s for this position: Dr. Cinta Calvet
-  Job location: [Cabrils \(Barcelona\)](#)
-  Full-time position (37.5 h/week)
-  Terms of appointment: Permanent position.
-  Salary: To be resolved according to the qualifications and experience of the selected candidate.
-  Employee Benefits: 22 vacation days, 3 days of family & work conciliation, 45h of personal days, Friday afternoon off, Compressed Summer schedule from 15/06 to 15/09, Conciliation schedule.

### Tasks and Responsibilities:

- To proactively initiate, supervise and/or lead national and international research projects.
- To supervise and contribute to the design, implementation and analysis of experiments and field tests, and their subsequent reporting.
- To continuously update scientific knowledge to be positively transferred to stakeholders and end-users.
- To help positioning the Sustainable Plant Protection Program as a group of excellence through regular peer-reviewed publications, contributions at national and international congresses and supervision of PhD and postdoctoral researchers.
- To work in close collaboration with other teams of IRTA, as well as with external academic, institutional and industrial partners.

## Required qualifications and experience

- Academic degree (PhD) with proven scientific excellence and practical experience in Microbiology and Plant Protection.
- Proven experience in the management of beneficial soil microbial populations, including mycorrhizal fungi and bacteria and an outstanding record of scientific publications in this field.
- Proven experience in the management of soilborne plant pathogens, particularly pathogenic fungi. Proven experience in project management, with good organizational and coordination skills.
- Strong organizational capability and ability to learn and successfully work within multidisciplinary teams.
- Teamwork skills and ability to establish and build relationships that will allow pursuing the objectives of the R&D activities.
- Willingness to organise and share information. Proactive in suggesting improvements.
- Flexibility and adaptation. To be able to prioritize tasks effectively. Capacity to anticipate, plan and write R+D projects, reports, and technical documents.
- Receptive to challenges, ability to align the professional objectives and institutional priorities and strategy.

## Desirable requirements

- Full driving license for Europe and travelling availability.
- Good communicative skills and client-oriented thinking and working.
- Experience in supervising students.

## Languages

- Good level of English, both spoken and written.
- Catalan and Spanish are valued.

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## Application process

If you wish to be considered for this position, please, apply via our [Recruitment Platform](#) to the job post with reference 129/22 and upload your CV and motivation letter. All information will be treated in the strictest confidence.

**Deadline for application:**  
**27/10/2022**

**Timings in the Recruitment Process of ref. 129-22 “Plant and Soil Microbiologist for the Sustainable Plant Protection Program”**

<b>30 natural days</b>	Publication and diffusion of the job advertisement on IRTA’s website, EURAXESS Jobs, social media and other specific recruitment places.
<b>5 following working days</b>	Distribution of the pre-selected CVs which matching eligibility criteria to the Recruitment Committee. Communication via e-mail with the not pre-selected candidates who will not be further included in the process.
<b>20 following working days</b>	Recruitment Committee: - Communication via e-mail with the not-selected candidates by the Recruitment Committee. - Interview with selected candidates by the Recruitment Committee. - Accord of the Recruitment Committee stating the selected candidate and detailed reasoning for the decline of the rest of the candidates. - Communication via e-mail with the interviewed and not-selected candidates
<b>10 following working days</b>	Provision by the selected candidate of requested legal and official documentation to the HR department to coordinate the start of the candidate.
<b>Last Trimester 2022</b>	Start of employment

IRTA guarantees an open, transparent, and merit-based recruitment process (OTM-R) to all registered candidacies avoiding thus any bias on gender, origin, age, ideology, or other circumstances that could be discriminatory. Candidates in a situation of social exclusion will be considered in the first place.

*Please know that if you are the chosen candidate and you are from a country which does not belong to the UE, IRTA’s Human Resources Department will support you to get the residence and working permits.*