







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](#).

Postdoctoral Researcher for the Animal Health Program

INVESTIGO Program funded by the European Union – NextGenerationEU

[ref. 112/22]

IRTA is currently seeking an enthusiastic and motivated Postdoctoral Researcher with a PhD related to bioinformatics to join the [Animal Health Program](#). We invite applications from ambitious candidates with relevant research experience and passion to conduct research and innovation activities on the virus – mosquito – microbioma interaction (including metagenomics, transcriptomics and database management, with special focus on influence of microbiome composition in virus transmission and mosquito gene expression) and their application to vector control.

-  Head of the Program: Dra. Natàlia Majó
Program’s key researcher/s for this position: Dra. Núria Busquets
-  Job location: [CReSA](#)
-  Full-time position (37.5 h/week)
-  Terms of appointment: 2 years position funded by European Union. (DA5^a Reform)
-  Salary: Category F of the IRTA RDT scale €31,187.92 gross year.
-  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 contribute to the activities of the research Program, performing scientific and technical tasks, taking part in the planning and execution of the studies to ensure the achievement of milestones of research projects.
- To perform literature review, data collection and management, involving statistical analysis.
- To contribute to the scientific production of the research and innovation activities of the Program.
- To lead and actively in writing progress and final reports of research activities.
- To contribute to the teamwork and team-spirit in the Animal Health Program within the arbovirus and arthropod vectors research line, fostering collaboration and integration activities.

Required qualifications and experience:

- Ph.D. in life science, preferably with experience in bioinformatics and infectious diseases.
- Proved research skills: experience in literature review, experimental design and implementation, data management and analysis, writing scientific articles, preferably with experience in virus-host interaction, metagenomics and transcriptomics.
- Dissemination skills: presentation/communication skills, and technical writing.
- Capacity to successfully develop collaborative research links with national and international research organizations. The successful candidate will be expected to attract funds from private and public sectors for research.
- Requirements established by the INVESTIGO Program at the recruitment date. (Age from 16 to 29. Unemployed and registered at the employment service SOC or SEPE. No contractual relationship with IRTA in the 6 months prior to the beginning of the contract. Last day for recruitment December 31st, 2022).

Desirable requirements:

- Expertise in methodological approaches to understand virus-host interaction and microbiome influence in infectious disease.
- Experience on assessment of the effects of different metabolic pathways on infectious diseases.

Languages:

- Advance or Proficiency in English.

Application process

If you wish to be considered for this position, please, apply via our [Recruitment Platform](#) to the job post with reference 112-22 and upload your CV and motivation letter. All information will be treated in the strictest confidence.

**Deadline for application:
23/10/2022**

**Timings in the Recruitment Process of ref. 112-22 “Postdoctoral Researcher for the Animal Health Program”
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30 natural days	Publication and diffusion of the job advertisement on IRTA’s website, EURAXESS Jobs, social media and other specific recruitment places.
5 following working days	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.

20 following working days	<p>Recruitment Committee:</p> <ul style="list-style-type: none"> - 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
10 following working days	<p>Provision by the selected candidate of requested legal and official documentation to the HR department to coordinate the start of the candidate.</p>
December 2022	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.