







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 in Immunopathogenesis of Transboundary Diseases Affecting Swine for the Animal Health Program

[ref. 61/24]

IRTA is currently seeking a highly motivated and enthusiastic Postdoctoral Researcher with a PhD related to Pathogenesis of viral diseases in animal health, placing emphasis on the immunology, vaccinology and pathogenesis, 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 classical swine fever (CSF) and related diseases research line. Acceptance of this position implies the privilege of dedicating oneself to research activities and technology transfer, including outstanding participation as a member of the World Organization for Animal Health (WOAH) CSF Reference Laboratory in IRTA. in SCI journals, with international visibility, among other aspects.

-  Head of the Program: Dr Natàlia Majó
Program's key researcher/s for this position: Dr Lillianne Ganges, WOAH Expert in CSF
-  Job location: IRTA - [CReSA](#)
-  Full-time position: 37.5 h/week
-  Terms of appointment: full-time position for 3 years
-  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:

- Contribute to the activities of the classical swine fever and related diseases research line and activities in the WOAH classical swine fever Reference Laboratory in IRTA.
- Execute scientific and technical tasks and taking part in the planning and execution of the experiments to ensure the achievement of milestones of research projects and contracts.
- Conduct literature review, data collection and management, involving statistical analysis.
- Contribution to the scientific production of the research and innovation activities of the research line.
- Actively contribute fund rising through the preparation and submission of project proposals for public competitive calls and for contracts with the private sector, as well reporting process, such as writing progress and final reports of research activities.

- Contribute to the teamwork and team-spirit in the research line and in the Animal Health Program, fostering collaboration and integration activities.

Required qualifications and experience:

- PhD in veterinary sciences, animal health, immunology, biomedical sciences, biotechnological sciences, with at least three years of post-doctoral experience.
- Knowledge on viral diseases in animals, vaccinology and Immunology.
- Proved research skills: Literature review, experimental design and implementation, data analysis, and scientific article writing.
- Dissemination skills: presentation/communication skills, and technical writing.
- Capacity to successfully develop collaborative research links with national and international research organizations.
- Participation in animal experiments and in experiments with established cell cultures and primary cultures.
- Experience with virological and molecular biology research technologies, such as: virus production and titration, microscopy, immunofluorescence, PCR and sequencing techniques, immunology techniques, such as flow cytometry, and/or functional studies.

Desirable requirements

- Experience in other more advanced techniques such as cloning, CRISPR/Cas, transfections/transductions, infectious clones, RNAseq.
- Advanced immunology techniques applied to the study of the pathogenesis of viral infections.
- Experience in supervising PhD candidates.

Languages

- Proficiency in English
- Spanish and Catalan are valued.

Application process

If you wish to be considered for this position, please, apply via our [Recruitment Platform](#) to the job post with reference 61/24 and upload your CV and motivation letter. All information will be treated in the strictest confidence.

**Deadline for application:
14/05/2024**

Timings in the Recruitment Process of ref. 61/24 Postdoctoral researcher in Immunopathogenesis of Transboundary Diseases Affecting Swine for the Animal Health Program

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	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
10 following working days	Provision by the selected candidate of requested legal and official documentation to the HR department to coordinate the start of the candidate.
Second Trimester 2024	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.