







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](#).

POST-DOCTORAL RESEARCHER ON MICROALGAE AS ALTERNATIVE SOURCE OF PROTEIN

[ref. 131/23]

IRTA is currently seeking an enthusiastic and motivated Researcher with a PhD related to Food Sciences to join the [Food Safety and Functionality Program](#). We invite applications from ambitious candidates with relevant research experience and passion to conduct research and innovation activities on the functionalization of food matrixes (including ingredients from sustainable sources, with special focus on the protein and lipid fractions) and their application to food formulation and processing.

-  Head of the Program: Dra. Sara Bover
Program's key researcher/s for this position: Dr. Albert Ribas
-  Job location: [IRTA Monells \(Girona\)](#)
-  Full-time position: 37.5 h/week
-  Terms of appointment: full-time position for one year related to LOCALITY project (HORIZON ID: 101112884)
-  Gross Annual Salary: 32,279 € (category F)
-  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 support to the research and scientific management activities related to the project "LOCALITY" "Nature-positive algae-based food, agriculture, aquaculture and textile products made in north and Baltic sea ecosystems" granted by EC (GA nº 101112884) in the framework of the call HORIZON-MISS-2022-OCEAN-01 "Actions for the implementation of the Mission Restore our ocean and waters by 2030", whose main objective is to develop and characterize innovative foods reformulated with ingredients obtained from microalgae.
- To perform the experimental activities and data analysis related to the design, development and characterization of innovative meat, fish and egg analogue products reformulated with microalgal ingredients.
- To actively contribute together with the work package leader in the implementation of the tasks and activities, facilitating the connection among partners, collaborating in the organization of the periodical meetings and in the preparation of scientific reports, scientific communications and papers.
- To work under the internal quality protocols related to the R+D activities (ISO9001, UNE166002).
- To collaborate in the diffusion and communication of the project outcomes.

Required qualifications and experience.

- Ph.D. in Food Science and Technology, Food Chemistry or related areas of knowledge.
- Expertise related to food reformulation with microalgae and characterization of composition, sensory, texture and quality properties of food.
- Experience in scientific literature search, experimental design, data treatment and scientific writing.
- Experience in R+D projects management and implementation.

Languages

- Proficiency in English
- Catalan and Spanish 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 131/23 and upload your CV and motivation letter. All information will be treated in the strictest confidence.

**Deadline for application:
26/11/23**

Timings in the Recruitment Process of ref. 131/23 Post-doctoral Researcher on Microalgae as alternative source of protein

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.
First 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.