

## Company Description

AZTI is a scientific and technological centre that develops high-impact transformation projects with organisations aligned with the United Nations 2030 SDGs. Its purpose is to drive positive change for the future of humankind, contributing to a healthy, sustainable and fair society. Specialising in marine environment and food, it provides cutting-edge and value-added products and technologies grounded in sound science and research. With 40 years of experience and an extensive performance history backed by more than 1,300 indexed publications, we base our excellence on our research staff, 58% of whom hold PhDs. We also have a presence in 45 countries, three offices in the Basque Country and a team of more than 280 employees. AZTI is member of the Basque Research and Technology Alliance (BRTA), an initiative that brings together four collaborative research and 12 technology centres, seeking to promote collaboration among them; strengthen the conditions to generate and transfer knowledge to companies, contributing to their competitiveness; and to spread the Basque scientific and technological capacity.

## Information

 Deadline: 2021-11-02  
 Category: Academia  
 Province: Bizkaia

 Country: Basque Country  
 City: Sukarrieta

## Company

AZTI



## Main functions, requisites & benefits

### Main functions

**PROJECT:** "Red FISHEALTH": NETWORK OF EXCELLENCE APPLIED TO INNOVATION AND DEVELOPMENT OF SOLUTIONS TO CONTROL INFECTIOUS DISEASES IN AQUACULTURE PRODUCTION. The mission of the FISHEALTH 2021-2023 Strategic Plan is to develop integrated new tools and platforms to prevent, diagnose and treat infectious diseases in aquaculture and strengthen competitiveness in the aquaculture sector, by transferring R+D+i that enables the impact of such diseases on Spanish aquaculture to be reduced. **FUNCTIONS:** The person selected will work on a research and technology transfer project to identify bacteria that produce omega-3 polyunsaturated fatty acids as a potential probiotic in aquaculture. The job includes traditional microbiology techniques, biotechnology, and environmental genomics applied to the intestinal micro-biome of fish. The person's main function is independent technical work in the laboratory and data analysis in close coordination with the principal investigator. **WHAT WE WANT FROM YOU** AZTI is looking for someone who can form part of a multidisciplinary team with knowledge and experience in the required fields of experience.

### Requisites

**GENERAL REQUIREMENTS:** Doctorate in biotechnology, biology, biochemistry, microbiology, aquaculture, or other field related to the position. **SPECIFIC REQUIREMENTS:** Experience in competitive projects related to at least one of the following areas of work: Taxonomic community profiles/metabarcoding or similar. Micro-biome. Microbiology. Microbial biotechnology. Aquaculture. **ADDITIONAL REQUIREMENTS:** Ability to work in a numerical computation setting (R, Python or equivalent), preferably with environmental genomic data (taxonomic community profiles/metabarcoding or similar). Previous experience in aquaculture probiotics. Experience in analysis of fishes' intestinal micro-biome. Experience in microbiological work (isolation, bacterial media, etc). Experience in molecular biology techniques (extraction of RNA, DNA, PCR, etc). Experience in gas chromatography (GC/MS and GC-FID). Scientific publications related to the subject matter of the post. Scientific papers at national and international conferences, meetings, working groups, etc, on subjects related to the post. Previous research career and research grants. Experience and contact with national/international working groups. Able to travel (attendance of coordination meetings, working groups, etc.) and driving licence. Able to work independently and as part of a team. Good level of written and spoken English.