**HORIZON EUROPE Research and Innovation Framework Programme**

**MARIE SKŁODOWSKA-CURIE ACTIONS**

**EXPRESSION OF INTEREST**

**Postdoctoral Fellowships (PF)**

**HORIZON-MSCA-2022-PF-01**

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| **Organisation Name/ Department** *(if applicable)* | AquaBioTech Group |
| **Website of the organisation** *(in English)* | https://aquabt.com/ |
| **Organisation Short Name** | ABT |
| **Organisation Type** | [ ]  Academic | [ ]  Higher Education establishment[ ]  Research organisation[ ]  International European Research Organisation |
| [x]  Non-academic | [x]  SME[ ]  Other (please specify) |
| **Research Fields** | [ ]  Chemistry (CHE)[ ]  Social Sciences and Humanities (SOC)[ ]  Economic Sciences (ECO)[ ]  Information Science and Engineering (ENG)[ ]  Environment and Geosciences (ENV)[x]  Life Sciences (LIF)[ ]  Mathematics (MAT) [ ]  Physics (PHY) |
| **Sub-Fields/ Keywords** *(up to 5)* | Aquaculture developmentAquaculture technologyFish nutrition and health Fisheries research and assessmentMarine environment |
| **Marie Skłodowska-Curie Action(s) of interest** | [x]  European Postdoctoral Fellowships [x]  Global Postdoctoral Fellowships  |
| **Short Description of the Organisation/ Department -** strengths and scientific achievements (publications, patents, etc.), important infrastructure*(up to 2000 characters with spaces)* | AquaBioTech (ABT) is an independent aquaculture, fisheries, biotechnology and environmental testing/research, engineering, consulting, development, and training company with its own dedicated research and marine survey facilities. ABT operates globally, specializing in three main areas: a) aquaculture and fisheries consultancy from resource management and market research to policy development and feasibility, due diligence studies; b) contracted aquaculture research for feed development, pharmaceutical testing and breeding programmes; c) design and commissioning of land based and marine aquaculture production systems and technologies. |
| **Previous Projects/ Research Experience** (international/ EU/ big national or regional projects especially in the areas in which you would like to host fellows) *(up to 5)* | * iFishIENCi: The project delivers breakthrough innovations supporting sustainable aquaculture, based on enabling technologies and circular principles. Innovation actions will maximise feed utilisation through smart feeding, provide continuous monitoring of fish behaviour, health and welfare and reduce response times to aberrations.
* PROFIUS: The aim of PROFIUS is to address challenges in the supply chain related to lumpfish (roe and carcass) and tuna side-streams by developing preservation solutions for maintaining quality and improving utilization of the entire biomass.
* AquaDetector: The project aims to develop precise detection technologies to visualise water quality distribution, classify fish stress behaviours, and analyse the combined impact of environmental factors on juvenile grouper and juvenile trout as reference fish.
* IMPACT (Identifying MicroPlAstic Hotspots in the Maltese Coastal WaTers). The project seeks to identify microplastic hotspots found in Maltese waters to better understand the distribution and potential impact. The development of a monitoring protocol will pave the way to a standardised monitoring technique which could be adopted by various stakeholders.
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| **Thematic areas and list of supervisors who are looking forward to preparing a project proposal with postdoctoral researchers** | 1. Aquaculture Engineering
2. Aquaculture Technology (e.g: AI)
3. Aquaculture nutrition
4. Marine Environmental sciences
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| **Contact Person/ Position in the Organisation/ Phone/ E-mail** | Tamás Bardócz, RDI Director, thb@aquabt.com |
| **Deadline for Expressions of Interest from postdoctoral researchers** |  |
| **Necessary documents** | * CV
* Brief description of the project idea
* …..
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| **What we offer** | * Full-time contract to work on a research project and enjoy advanced training,
* Competitive salary –€4,475.48 gross amount, including compulsory deductions under national law, such as employer and employee social security contributions and direct taxes;
* Mobility (€ 600) and Family allowances (if applicable - € 660);
* Budget for Research, Training and Networking costs (€ 1 000);
* Special needs allowance (if applicable).
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| **Requirements** | * Experience:
* Applicants should be in a possession of a doctoral degree at the call deadline.
* At the call deadline, supported researchers must have a maximum of 8 years full-time equivalent experience in research, measured from the date of award of the doctoral degree. Years of experience outside research and career breaks (e.g. due to parental leave) will not count towards the amount of research experience. For nationals or long-term residents of EU Member States or Horizon Europe Associated Countries who wish to reintegrate to pursue their research career in EU Member States or Horizon Europe Associated Countries, years of experience in research in third countries will not be considered in the above maximum.
* Mobility rule: *(delete accordingly)*
* European Postdoctoral Fellowships - applicants must not have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary for more than 12 months in the 36 months immediately before the call deadline,
* Global Postdoctoral Fellowships - applicants must not have resided or carried out their main activity (work, studies, etc.) in the country of the host organisation for the outgoing phase for more than 12 months in the 36 months immediately before the call deadline.
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| **IMPORTANT – apply with us and increase your chances for success[[1]](#footnote-1):** | * Not funded applications for European Postdoctoral Fellowships with a host organisation from Malta have the chance to be funded under the **ERA Fellowships** Call (‘Widening Participation and Strengthening the European Research Area’ part of the Framework Programme). They will be automatically transferred to the ERA Fellowships Call and will be ranked in one single list according to the scores and evaluation of the Postdoctoral Fellowships call with an additional budget of € 8 million for 2022.
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1. The first bullet is only for Widening countries, the second bullet is only for countries and/ or organisations that have a Seal of Excellence programme adopted. Delete accordingly. [↑](#footnote-ref-1)