



L-Università  
ta' Malta

Office for Human  
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& Development

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**CALL FOR APPLICATIONS (Call ID: 134/2021)**

**Post/s of Full-Time or Part-Time Research Support Officer II or III**

**Project HatcheryMatch – “An Automated Marine Fish Hatchery with Innovated Water Recirculation Technologies”**

**Funded by the Sino-Malta Fund MCST 2020**

And any other projects undertaken by the Department of Food Sciences and Nutrition, Faculty of Health Sciences

1. Applications are invited for the post of Research Support Officer to carry out duties in relation to the HatcheryMatch project funded by the **Sino-Malta Fund MCST 2020**, and in which the University of Malta is a partner. The Research Support Officer may also be required to work on other projects undertaken by the Department of Food Sciences and Nutrition within the Faculty of Health Sciences.
2. Applicants should be in possession of a first degree and a Master’s degree in Biology, Microbiology or Chemistry. Candidates with a PhD in the same areas will be preferred.

**The University of Malta is an Equal Opportunity employer.**

3. The selected candidates must be living in Malta for the period of employment.
4. The post is for an initial period of 12 months and carries an initial remuneration of €24,960 per annum or €12 per hour for those in possession of a Master’s degree, or €31,200 per annum or €15 per hour for those in possession of a PhD.
5. Candidates must upload their covering letter, curriculum vitae, and certificates (certificates should be submitted in English) and contact details of at least two referees **through this form** <https://www.um.edu.mt/hrmd/workatum-projects> by not later than **Wednesday, 25<sup>th</sup> August 2021**. **Late applications will not be considered.**
6. Further information may be obtained from <http://www.um.edu.mt/hrmd/recruitments> and should you have any queries, please send us an email on [projects.hrmd@um.edu.mt](mailto:projects.hrmd@um.edu.mt).

Office of the University,  
Msida, 29<sup>th</sup> July 2021



The Malta Council for  
**Science & Technology**

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**Further Information**

1. The project aims to adopt innovative recirculating technology and automation technology in marine hatchery design to achieve optimum rearing conditions as a reliable supply of marine fry. The main automation technologies will be automatic live feed and bottom cleaning devices and hatching image analyser. Investigation will be carried out to assess the potential of ultrasound to improve hatchery water quality. A pilot hatchery will be constructed at FMIRI facilities in Rudong and verified with multiple batch tests. The conventional labour-based hatcheries often have compromised water quality and limited self-cleaning capacity, resulting in a low seeding rate. Further information may be obtained by contacting Professor Vasilis Valdramidis at [vasilis.valdramidis@um.edu.mt](mailto:vasilis.valdramidis@um.edu.mt) and Dr Jefferson de Oliveira Mallia at [Jefferson.deoliveira@um.edu.mt](mailto:Jefferson.deoliveira@um.edu.mt). The Research Support Officer may also be required to work on other projects undertaken by the Department of Food Sciences and Nutrition within the Faculty of Health Sciences.
2. The appointee will be expected to undertake the following tasks:
  - Performing research on the identification of aquaculture pathogens;
  - Perform protein analysis and chemical characterization of water samples;
  - Design and assess antimicrobial efficacy of ultrasound systems;
  - Preparing reports for the project activities in form of deliverables of progress documentation; and
  - Writing scientific articles.
3. The appointee will be expected to work at such places and during such hours as may be determined by the University authorities.
4. The selection procedure will involve:
  - a. scrutiny of qualifications and experience claimed and supported by testimonials and/or certificates (copies to be included with the application);
  - b. shortlisting; and
  - c. an interview and / or extended interview.

5. The post is for an initial period of 12 months, which will be subject to a probationary period and to the provisions of the Statutes, Regulations and Bye-Laws of the University of Malta which are now or which may hereafter be in force.

Office of the University,  
Msida, 29<sup>th</sup> July 2021