



**One (1) Researcher Position (Special Research Assistant)**  
**[Ref # ORZ-0459]**

The research group of Biosensors lab (<https://www.gizeligroup.eu/>) at IMBB-FORTH under the European Program **H2020-BG-07-2019-2020**, entitled “Technologies for Ocean Testing” (Acronym: TechOceanS) invites applications for one (1) biologist to work on the:

*Development of isothermal amplification assays for the detection of environmental nucleic acids in sea-samples*

**Project details**

The candidate is expected to develop assays for the detection of environmental DNA using isothermal amplification techniques and colorimetric/fluorescent detection methods based on a newly developed platform. The system should be able to function autonomously in the marine environment and become integrated with a sample purification-module. The work is performed as part of an EC project coordinated by the National Oceanography Centre in Southampton (<https://cordis.europa.eu/project/id/101000858>); it will be carried out in collaboration with partners primarily from the UK, Spain, Italy and Ireland. TechOceanS addresses the challenge of developing sensors and miniaturized platforms based on innovative technologies for the remote and *in situ* measurement of the marine ecosystem, i.e., environmental DNA of invasive marine metazoans, pathogens and parasites.

**Qualifications.** Applicants should have a biology-relevant 1<sup>st</sup> degree and MSc in a similar area (molecular biology, plant biology, marine biology, biotechnology, etc.). Demonstrated expertise in one of the following areas is necessary:

- design of primers and molecular biology assays
- development of LAMP isothermal amplification assays
- extraction/purification of nucleic acids
- field-testing using real samples
- colorimetric detection of LAMP amplicons
- development of diagnostic assays for the point-of-care

	<b>Evaluation criteria</b>	<b>Maximum score</b>
1.	Relevant lab experience	45
2.	Experience with writing reports/deliverables of European and other projects	25
3.	Interview	20
4.	Publications	10
<b>Total score</b>		<b>100</b>

The shortlisted candidates will be invited for an interview. The evaluation criteria for the interview are:

1. Knowledge on the specific area
2. Presentation skills
3. Communications skills

**About the new positions.** The successful applicant, in addition to the above qualifications, should be able to demonstrate ability to design and carry out experiments **independently**; contribute in **scientific writing** (publications, grants, EU-reports); and excellent knowledge of **English**.

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**About the lab.** The successful applicant will be expected to join in a **multidisciplinary group** consisting of biologists, chemists, engineers, bio-physicists and material scientists and contribute in **novel** and **innovation-driven research** related to the development of point-of-care tools. In addition, she/he will be encouraged to **supervise** students, participate in **technology transfer** events, contribute towards the **broad dissemination of science** and **develop skills** related to presentations, grant-applications and scientific papers writing.

**Contract Duration:** 12 months with a possible extension depending on the requirements of the program

**Salary:** 1100-1600€ net/month depending on experience and qualifications

**Envisaged starting date:** 1<sup>st</sup> August 2023

**Additional selection criteria:** Experience in academic and/or industrial R&D within the areas of interest and ability to start straight away

**Application submission:** Interested candidates should submit their application electronically by **June 18<sup>th</sup>, 2023 @ 13:00 (Greek time)**.

**The application should consist of:**

1. CV
2. Brief statement of purpose
3. The names and contact details of two referees
4. Photocopies of academic titles
5. Documents proving qualifications

**Submission of applications:** [orz0459@imbb.forth.gr](mailto:orz0459@imbb.forth.gr)

**Evaluation procedure**

Applications will be evaluated by a three-member evaluation committee. In case of interview procedure, candidates will be invited to participate in person or teleconference.

The candidates with academic titles awarded by foreign Higher Education Institutions must have certificates of recognition from DOATAP – Hellenic National Academic Recognition and Information Center (Hellenic NARIC), either the foreign Higher Education Institutions that award them, are included in the National Register of Recognized Institutions of Higher Education compiled by the DOATAP (<https://www.doatap.gr/anagnorish/mitroa/>).

DOATAP is the official body of the Hellenic Republic for the academic recognition of titles and qualifications awarded by foreign Higher Education Institutions, as well as for the provision of accurate information on the Higher Educations Institutions and qualifications in Greece and abroad.

The announcement of the results will be posted on the website of FORTH-IMBB. This publication confers the right to object to the results within 5 working days of the date of the results announcement.

The selected candidates will be notified personally regarding the success of his/her application and will be requested to submit certified copies of his/her degrees. In the event that the documents submitted to not agree with the original application the candidate will be dismissed.

**GDPR Disclaimer**

FORTH is compliant with all legal procedures for the processing of personal data as defined by the Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data. FORTH processes the personal data and relevant supporting documents that you have submitted to us. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law.

FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law. We inform you that under the Regulation EU/2016/679 you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws. We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at [dpo@admin.forth.gr](mailto:dpo@admin.forth.gr).

You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.