

Two (2) MSc student-Fellowships Positions [Ref # PAR-0474]

The research group of Prof. Electra Gizeli (<https://www.gizeligroup.eu/>) under the **Human Frontier Science Project (HFSP)** entitled "Self-organization and biomechanical properties of the endosomal membrane" (Program Coordinator Prof. Gizeli) invites applications for two (2) motivated MSc students to pursue their MSc thesis on the following:

Student 1. Study of EEA1 protein binding to a model membrane with an acoustic biosensor

Student 2. Development of an assay for the study of sickle cell disease exploiting membrane interactions

About the lab

Biosensors lab is a multidisciplinary group comprising biologists, chemists, engineers, biophysicists and material scientists. Our interests lie both in fundamental (basic knowledge) and technology/innovation driven research (development of health point-of-care tools).

About the project:

Both projects are funded by the **HFSP**; the latter is carried out in collaboration with a team of world-experts in Germany (Max Planck/Dresden), Japan (Kanazawa Univ) and the USA (Stanford Univ).

Position Description:

The successful candidates should have a strong interest in working in an interdisciplinary environment and acquiring/developing new skills in the area of biosensing/biophysics/assay development.

Required qualifications:

- BSc in Biological or Chemical sciences
- Enrolled in a relevant MSc project (Protein Biotechnology, Molecular Biology and Biomedicine etc.)
- Excellent oral and written skills in English language

Desired qualifications:

- Carrying out experiments independently
- Ability to contribute in reports-writing and participation in scientific meeting
- Previous lab experience

	Evaluation criteria	Maximum score
1.	Grade of BSc (5-6.49=20; 6,5-8,49= 40; 8.5-10= 60)	60
2.	Previous lab experience (0-6 Months=10; 6-20 months=20; >20 months=30)	30
3.	Knowledge of English (medium=5; advanced=8; Excellent=10)	10
Total score		100

Contract Duration: 8 months with the possibility of extension according to the project needs

Total budget: 550 € monthly cost

Envisaged starting date: 1st October 2023

Application submission: Interested applicants should submit their application electronically by **24 July 2023 @ 13:00 (Greece time)**

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The application should consist of:

1. Application Form (see below)
2. CV
3. Brief statement of purpose
4. The names and contact details of two referees
5. Scanned copies of academic titles
6. Scanned copies proving all the qualifications

Submission of applications: par0474@imbb.forth.gr

Evaluation procedure

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

In case of titles and qualifications awarded by foreign Higher Education Institutions, the provisions of the Law 55/2023 (article 36) and 4957/2022 (article 304) are implemented.

The results of the selection will be announced on the website of IMBB-FORTH. Applicants have the right to appeal the selection decision, by addressing their written objection to the IMBB secretariat within five days since the results announcement on the web. Objections are submitted in one of the following ways: in person, by an authorized person, by post, by courier. They also have the right to access (a) the files of the applicants as well as (b) the table of applicants' scores (ranking of applicants results). All the above information related to the selection procedure will be available at the secretariat of IMBB-FORTH in line with the Hellenic Data Protection Authority. Access to personal data of co- applicants shall be limited to personal data (and relevant data) and supporting documents which have been the basis of the evaluation of the applicants for the specific post(s). Prior to the announcement of the personal data and/or documents of the co- applicants to the applicant, FORTH will inform the data subjects in an appropriate way.

The selected applicants will be notified personally regarding the success of his/her application and will be requested to submit certified copies of his/her degrees. If the submitted documents do 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 candidates have submitted. 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. Under the Regulation EU/2016/679, candidates have the rights to be informed about their personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws. Candidates have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of personal data protection rights, candidates may contact the Data Protection Officer at FORTH at dpo@admin.forth.gr.

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

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APPLICATION FORM

Name: _____
Surname: _____
Date of birth (dd/mm/yy): _____
Address: _____
Telephone number: _____
Email address: _____

TO
FOUNDATION OF RESEARCH AND TECHNOLOGY (FORTH)
INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

Hereby I submit my application for the position:

In the framework of the project: _____

Position code [Ref #] _____

Submitted with this application:

1. _____
2. _____
3. _____
4. _____
5. _____

I certify that:

- A) I accept the terms and conditions of the job announcement
- B) I possess all the necessary certificates and documents and I can present them in their original form to the committee without any delay if I am asked to do so
- C) I am able to complete the project within the foreseen time -frame
- D) all the information given in the framework of this application are accurate and true.

Date: _____

Applicant name

(signature)