



P.N. 0482-P/141250  
May 17 2024

**One (1) Master's Fellowship Position**  
[Ref # PAR-0624]

The research group of RNA and Gene Regulation at IMBB invites applications for one (1) Master's fellowship of a 2-month duration starting 01.07.2024 (PI Evgenia Ntini).

**Position Description:**

The Master's student will analyze hundreds of samples from the TCGA RNA-seq data to extract splicing efficiency of lncRNAs, while integrating additional multiomics data such as expression and splice site mutations. The overall goal is to build regulatory networks to infer disease progression, cancer subtype and association with drug resistance. Facilitating and managing large-scale data should be finally handled by creating automated pipelines, using Nextflow for instance. The candidate should be interested in transcriptomics and regulation of gene expression, next- and third-generation sequencing technologies, and have a basal theoretical background in RNA biology.

**Qualifications:**

- Bachelor Degree in Life Sciences with a very good grade record
- Enrollment in a postgraduate program leading to a Master degree
- Excellent oral and written skills in English
- Experienced with presentation of bioinformatics topics in English
- Bioinformatics skills (coding in Python, R, Unix, bioinformatics tools, machine learning, workflows)
- Proof of experience by international seminars/workshops attendance will be appreciated

	<b>Evaluation criteria</b>	<b>Maximum score</b>
1.	Bachelor Degree Grades Track Record [lower than 6.5 scores 5 points, 6.5-8.5 scores 10 points, higher than 8.5 scores 15 points]	15
2.	Enrollment in a postgraduate program leading to a Master degree	YES/NO
3.	English skills (B2 level = 5 points, C1 level = 10 points, C2 level = 20 points)	20
4.	Perception/ Presentation skills [perception/theoretical background 5, presentation and communication 10] will be evaluated during Interview	15
5.	Experience with Bioinformatics skills (coding in Python, R, Unix, bioinformatics tools, machine learning, experience with workflows, Git) (<12 months = 15 points, 12 – 24 months = 30 points, >24 months = 35 points)	35
6.	Attended international training schools/workshops (at least one attendance scores 15 points)	15
<b>Total score</b>		<b>100</b>

**Fellowship Duration:** 2 months

**Total budget:** 900 € total (450 monthly)

**Envisaged starting date:** 1 July 2024

**Application submission:** Interested candidates should submit their application electronically by **May 27, 2024 (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/ motivation letter
4. The names and contact details of two referees
5. Photocopies of academic titles
6. Photocopies of documents proving qualifications (publications, preprints)
7. Certificate of enrollment in a postgraduate program leading to a Master degree

**Submission of applications:** [par0624@imbb.forth.gr](mailto:par0624@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 applicant 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 applicants 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, applicants 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. Applicants have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of personal data protection rights, applicants may contact the Data Protection Officer at FORTH at [dpo@admin.forth.gr](mailto:dpo@admin.forth.gr).

Applicants have the right to withdraw their 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.

**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)