



One (1) MSc Student Position

[Ref # ORZ-0669]

The research group of **Christos DELIDAKIS** under the European Program **HORIZON-WIDERA-2023-ACCESS-02/ Project 101159925** entitled **Building integrative single-cell omics capacities using invertebrate tumour models relevant to human disease - SCENTINEL** (Program Coordinator Prof. Delidakis invites applications for one (1) motivated MSc Student (Research Assistant) to work on the acquisition, curation and analysis of NGS data.

About the lab

The Delidakis lab studies cell specification, both normal and pathological, in the context of transcriptional networks and cell signaling in *Drosophila*. We are a part of a European consortium (@scentinel_eu, website under construction) to develop cutting-edge genomics and bioinformatic tools and the successful candidate will have ample opportunity to network with the partners and thus broaden the scope of his/her research experience. We are affiliated with the Biology Department of the University of Crete, so the successful candidate will have the option to continue his/her graduate education in the Master or PhD programmes available.

About the project:

The present project aims to use cutting edge single-cell genomic approaches to characterize a neural cancer model and its microenvironment in adult *Drosophila* hosts. We are looking for an enthusiastic junior bioinformatician (Bachelor or Master degree) to implement FAIR data management, analyse single cell genomics datasets, and establish integrative pipelines. S/he will work closely with Dr. V. Theodorou and will communicate regularly with experienced bioinformaticians from partners' institutes. S/he will additionally have the opportunity to travel and receive in-person excellent training in advanced bioinformatics.

Job Description:

Bioinformatic analysis of genomic data in *Drosophila*. Work package 2 (deliverables 2.1, 2.2); Work package 3 (deliverable 3.1); Work package 4 (deliverable 4.2)

Required qualifications:

- BSc in Computer Science, Biological Sciences or a related field
- Excellent oral and written skills in English language
- More than 1 years' experience with NGS data handling and analysis

Desired qualifications:

- MSc in Computer Science, Biological Sciences or a related field
- Experience in cluster environments



Funded by
the European Union



	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 2)	20
2.	M.S. degree grade (Score points = grade x 1.5)	15
3.	Relevant data analysis experience (12 months = 10 points, >12-months = 20 points)	20
4.	Oral and written skills in the English language (B1 = 5 points, B2 = 10 points, C1, C2 or BSc/MSc studies in an English-speaking University = 15 points)	15
5.	Interview that will evaluate (a) knowledge on the topic of the candidate's prior research (10), (b) experience in cluster environments (10), (c) background knowledge in Biology (5), (d) presentation skills (5)	30
Total score		100

Contract Duration: 12 months with the possibility of extension according to the project needs

Total budget: Depending on experience and qualifications, in accordance with the provisions of the Greek legislation (Law 4354/2015)

Envisaged starting date: December 1, 2024 (but can be delayed, if necessary)

Application submission: Interested applicants should submit their application electronically by **September 28, 2024 @ 13:00 (Greece time)**

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: orz0669@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.

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.

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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)