

P.N. 0612-P/179201  
20 May 2025

## Two (2) Research Assistant Positions

[Ref # ORZ-0755]

The **Arthropod Disease Vector Biology** lab (<https://www.imbb.forth.gr/en/research>), headed by Dr. Michail Kotsyfakis, invites applications for two research assistant positions to work on the newly funded EU *HORIZON-JU-GH-EDCTP3-2024-01-two-stage* project entitled: “**Resilience Enhancement for Ticks and Tick-Borne Diseases in Sub-Saharan Africa**” (Acronym: **ResTick**).

**Job Description:** We are looking for motivated individuals—ideally with a background in data science, statistics, or a related field—to join a project investigating the ecological and evolutionary dynamics of tick-borne viruses. The candidates will participate in data analyses, predictive modeling and contribute to statistical cross-regional comparative research.

**About the Lab and Position:** The successful applicants will join a multidisciplinary team of statisticians, data scientists, biologists and chemists working on vector biology and host-pathogen interactions. The individuals will contribute to data curation and interpretation, assist in supervising junior students, and be involved in scientific dissemination, paper writing, and conference presentations.

**About the Project:** The project focuses on understanding tick-virus interactions across continents, using *Crimean-Congo Hemorrhagic Fever Virus (CCHFV)* and *Hyalomma* ticks as primary models. The main research themes include:

1. **Ecological dynamics of zoonotic viruses:** Investigate how virus, tick vector, host species, geography, and climate interact to shape transmission.
2. **Tick population structure and speciation:** Use hybridization and field data to assess genetic diversity and evolutionary processes.
3. **Eco-climatic modeling:** Develop models to assess how climate change and habitat disruption affect the spatial and temporal patterns of vector-borne diseases.

### Required qualifications:

- Degree in Mathematics, Statistics or Computer Science
- MSc in Data Science, Statistics or Machine Learning
- Excellent oral and written skills in English language
- Experience in R programming

### Desired qualifications/requirements:

- Experience on the analysis of time series, and/or spatial, and/or space-time data
- Ability to start in the next 2 months



	Evaluation criteria	Maximum score
1.	Degree in Mathematics, Statistics or Computer Science (Degree grade * 2)	20
2.	MSc in Data Science, Statistics or Machine Learning (Degree grade * 3)	30
3.	Experience in R programming (Verified via Academic transcripts) related to the program leading to the MSc 25 points; other means of verification 5 points)	25
4.	Oral and written skills in the English language (B1 = 5 points, B2 = 7.5 points, C1 = 10 points, C2 = 15 points)	15
5.	Experience on the analysis of spatio-temporal data (Verified via Academic transcripts related to the program leading to the MSc 10 points; other means of verification 2 points)	10
6.	Ability to start in the next 2 months	YES / NO
<b>Total score</b>		<b>100</b>

**Contract Duration:** 12 months with the possibility of extension for another one year

**Salary:** In accordance with the salary conditions of Law. 4354/2015

**Envisaged starting date:** 1<sup>st</sup> July 2025

**Application submission:** Interested applicants should submit their application electronically by **May 30, 2025 @ 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:** [orz0755@imbb.forth.gr](mailto:orz0755@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.

Throughout the duration of the project, and if there is a need to replace persons selected in accordance with this Call, the replacement will be carried out by selecting - based on score/point allocation - another candidate(s) from the compiled ranking list.

In the event that for any reason the funding provided for the project is interrupted, FORTH-IMBB reserves the right to interrupt the execution of the contract with a special declaration of interruption and without compensation.

FORTH-IMBB does not undertake any commitment to conclude a contract and is entitled to cancel or repeat the procedure without obligation to pay any compensation, excluding any relevant claim by the candidates.

Participation in this call for expressions of interest implies full acceptance of the terms of this.

### **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)