

P.N. 0614-P/181408
04 June 2025

One (1) Post-doctoral Researcher Position

[Ref # ORZ-0759]

The **Arthropod Disease Vector Biology** lab (<https://www.imbb.forth.gr/en/research>), headed by Dr. Michail Kotsyfakis, invites applications for one post-doctoral researcher position 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 seeking a highly motivated postdoctoral researcher to contribute to field and laboratory activities related to virus-vector ecology. The post involves field collection and analysis of tick populations and the application of molecular and bioanalytical techniques to explore tick-virus interactions.

About the Lab and Position: The successful candidate will be expected to join a multidisciplinary group composed of chemists and biologists. They will collaborate on innovation-driven research, contribute to supervision of junior researchers, participate in dissemination activities, and develop grant-writing and scientific communication skills.

About the Project: The project investigates the ecological dynamics of zoonotic viruses, especially CCHFV and Hyalomma spp. ticks. It explores how viruses interact with vectors, hosts, and environmental conditions across regions and climate scenarios.

Key objectives include:

- Tick population dynamics and speciation
- Role of migratory birds in viral spread
- Virome association analysis
- Modeling of virus-vector ecology under climate change scenarios

Required qualifications

- PhD in Nanoscience, Biotechnology, or related Life Science field
- MSc in Biotechnology, Nanoscience, or equivalent
- Extensive experience in vertebrate biology, nanoparticle synthesis, and molecular biology in international Research Institutes
- Demonstrated research publication record in peer-reviewed journals (including multiple IF >6 and IF >30 publications)
- Excellent oral and written communication skills in English

Desired qualifications/requirements

- Experience in nanoparticle formulation and microscopy (live imaging, immunofluorescence)
- Animal handling and experimental protocol execution (BALB/c mice; IP/IV/oral delivery)
- Availability to start within 2 months



	Evaluation criteria	Maximum score
1.	MSc Degree in Biotechnology, Nanoscience, or equivalent (Score points = grade x 2)	20
2.	PhD in Nanoscience, Biotechnology, or related Life Science field	YES/NO
3.	Published research articles in top rank journals of impact factor above 6 (3 points per article, up to 20 points)	20
4.	Published research articles in top rank journals of impact factor above 30 (10 points per article, up to 20 points)	20
5.	Research experience in international institutes	YES/NO
6.	Experience in microscopy and nanoparticle techniques (live imaging, synthesis, characterization, etc.) (Up to 3 months = 5 pts; ≥3 months = 10; ≥12 months = 20)	20
7.	Animal handling and experimental protocol execution (1–8 months = 2 pts; 8–16 = 5; 16–24 = 8; >24 = 10)	10
8.	Oral and written skills in the English language (B1 = 1 point, B2 = 5 points, C1 = 7.5 points, C2 = 10 points)	10
9.	Availability to start in the next 2 months	YES/NO
Total score		100

Contract Duration: 12 months with the possibility of extension for another two years

Salary: ~2.500 cost per month and according to the program's budget limitations

Envisaged starting date: 1st August 2025

Application submission: Interested applicants should submit their application electronically by **June 14th, 2025**

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: orz0759@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.

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)

PhD in Nanoscience, Biotechnology, or related Life Science field
 MSc in Biotechnology, Nanoscience, or equivalent
 Extensive experience in cancer biology, nanoparticle synthesis, and molecular biology
 Demonstrated publication record in peer-reviewed journals (including multiple IF >6)
 Excellent oral and written communication skills in English