

P.N. 0704-P/201729

21 November 2025

Three (3) Postdoctoral Researcher Positions and Two (2) Research Technician Positions

[Ref # ORZ-0848]

The Institute of Molecular Biology and Biotechnology (IMBB-FORTH www.imbb.forth.gr), under the European Program **ERA Chair** (HORIZON-WIDERA-2022-TALENTS-01: 2023-2028), entitled «**Microbial Biopesticides to Control Disease Vectors and Agricultural Pests**» (Acronym: **MicroBioPest**, GA- 101087110), awarded to IMBB, invites applications for one motivated Postdoctoral Researcher Position

Info about the project:

MicroBioPest aims to establish an international research team in Crete, to develop Microbial Biopesticides. IMBB-FORTH, located at Heraklion Crete Greece, is one of the most prominent life science research institutions in Greece, with an outstanding record of scientific achievements, state of the art infrastructure and a broad range of research and innovation activities.

Postdoctoral Researcher Position #1

Job Description: The successful applicant will undertake part of the microbial biopesticide discovery pipeline against mosquitoes and pathogens they transmit. He/She will work on WP3, Screening of microbial biopesticides with aim to establish an indigenous microbial isolate repository and use it to identify isolates that have insecticidal properties. They should be adaptable and able to work with a range of people in a multicultural environment. Excellent knowledge of English is required

Required qualifications:

- BSc in Biology/Molecular Biology/Biotechnology/Microbiology
- PhD in Biology/Molecular Biology/Biotechnology/Microbiology
- More than 10 years' experience with insects
- Oral and written skills in English language

Desired qualifications:

- Working experience in molecular entomology
- Working experience in biopesticides
- Publications in peer-reviewed articles

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 1)	10
2.	PhD in Biology/Molecular Biology/Biotechnology/Microbiology	Yes/no
3.	More than 10 years' experience with insects	Yes/no
4.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10
5.	Working experience in molecular entomology (12-24 months = 10 points, 24-36 months = 20 points, >36 months = 30 points)	30
6.	Working experience in biopesticides (12-24 months = 10 points, 24-36 months = 20 points, >36 months = 30 points)	30
7.	Publications in peer-reviewed articles (1-10 articles= 10 points, more than 11 articles = 20 points)	20
Total score		100

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Contract Duration: 12 months with the possibility of extension according to the project needs
Total budget: 3000-3500 € monthly cost (incl. tax and social security)
Envisaged starting date: 1st of January 2026
Application submission: Interested applicants should submit their application electronically by **December 01, 2025**

Postdoctoral Researcher Position #2

Job Description: The successful applicant will undertake part of the microbial biopesticide discovery pipeline against mosquitoes and pathogens they transmit. He/She will work on WP4, Determination of the nature and mode of action of biopesticides with aim to assess the nature and mode of action of the microbial derived bio-insecticidal activity. They should be adaptable and able to work with a range of people in a multicultural environment. Excellent knowledge of English is required

Required qualifications:

- BSc in Biology/Molecular Biology/Biotechnology/Microbiology
- PhD in Biology/Molecular Biology/Biotechnology/Microbiology
- More than 10 years' experience with bioinformatics
- Oral and written skills in English language

Desired qualifications:

- Working experience in microbial genomic and metagenomic sequence analysis
- Working experience in phylogenetic analysis
- Publications in peer-reviewed articles

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 1)	10
2.	PhD in Biology/Molecular Biology/Biotechnology/Microbiology	Yes/no
3.	More than 10 years' experience with bioinformatics	Yes/no
4.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10
5.	Working experience in microbial genomic and metagenomic sequence analysis (12-24 months = 10 points, 24-36 months = 20 points, >36 months = 30 points)	30
6.	Working experience in phylogenetic analysis (12-24 months = 10 points, 24-36 months = 20 points, >36 months = 30 points)	30
7.	Publications in peer-reviewed articles (1-20 articles= 10 points, more than 21 articles = 20 points)	20
Total score		100

Contract Duration: 6 months with the possibility of extension according to the project needs
Total budget: 2500-3500 € monthly cost (incl. tax and social security)
Envisaged starting date: 1st of January 2026
Application submission: Interested applicants should submit their application electronically by **December 01, 2025**

Postdoctoral Researcher Position #3

Job Description: The successful applicant will undertake part of the microbial biopesticide discovery pipeline against mosquitoes and pathogens they transmit. He/She will work on WP5 with aim to develop prototype products of microbial biopesticides. If specific proteins are identified as the insecticidal factors, transgenic plant mediated applications will be developed. They should be adaptable and able to work with a range of people in a multicultural environment. Excellent knowledge of English is required

Required qualifications:

- BSc in Biology/Molecular Biology/Biotechnology/Microbiology
- PhD in Biology/Molecular Biology/Biotechnology/Microbiology
- More than 5 years' experience with transgenic plants
- Oral and written skills in English language

Desired qualifications:

- Working experience in insecticide resistance mechanisms
- Working experience in RNAi in plants and insects
- Publications in peer-reviewed articles

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 1)	10
2.	PhD in Biology/Molecular Biology/Biotechnology/Microbiology	Yes/no
3.	More than 5 years' experience with transgenic plants	Yes/no
4.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10
5.	Working experience in insecticide resistance mechanisms (12-24 months = 10 points, 24-36 months = 20 points, >36 months = 30 points)	30
6.	Working experience in RNAi in plants and insects (12-24 months = 10 points, 24-36 months = 20 points, >36 months = 30 points)	30
7.	Publications in peer-reviewed articles (1-5 articles= 10 points, more than 6 articles = 20 points)	20
Total score		100

Contract Duration: 4 months with the possibility of extension according to the project needs

Total budget: 2500-3500 € monthly cost (incl. tax and social security)

Envisaged starting date: 1st of January 2026

Application submission: Interested applicants should submit their application electronically by **December 01, 2025**

Research technician position #1

Job Description: The successful applicant will work mainly in the insectary and will be responsible for the rearing of insects and perform bioassays. The main insects that will be used are *Aedes albopictus*, *Phlebotomus papatasi*, *Bactrocera oleae* and *Tuta absoluta*. He/she will also participate in writing progress reports and publications. The applicant should be accordingly adaptable and able to work with a range of people in a multicultural environment. Excellent knowledge of English is required.

Required qualifications:

- Working experience in insectary
- Oral and written skills in English language
- Experience in writing/editing scientific publications

Desired qualifications:

- Working experience in molecular entomology
- Working experience with mosquitos and/or sandflies and/or agricultural pests
- Working experience with mosquito repellents and attractants and traps

	Evaluation criteria	Maximum score
1.	Working experience in insectary	Yes/no
2.	Oral and written skills in the English language (B1 = 5 points, B2 = 10 points, C1 = 15 points, C2 = 20 points)	20
3.	Experience in writing/editing scientific publications	Yes/no
4.	Working experience in molecular entomology (0-6 months = 10 point, 7-12 months = 15 points, >12 months = 20 points)	40
5.	Working experience with mosquitos and/or sandflies and/or agricultural pests (0-6 months = 10 point, 7-12 months = 15 points, >12 months = 20 points)	20
6.	Working experience with mosquito repellents and attractants and traps (0-6 months = 10 point, 7-12 months = 15 points, >12 months = 20 points)	20
Total score		100

Contract Duration: 6 months with the possibility of extension according to the project needs

Total budget: According to National Legislation and Experience

Envisaged starting date: 1st of January 2026

Application submission: Interested applicants should submit their application electronically by **December 01, 2025**

Research technician position #2

Job Description: The successful applicant will work mainly in WP7 Knowledge Integration, Dissemination and Exploitation with aim to promote integration of knowledge, dissemination, exploitation and uptake to end-users. He/she will also participate in writing progress reports and publications. The applicant should be accordingly adaptable and able to work with a range of people in a multicultural environment. Excellent knowledge of English is required.

Required qualifications:

- BSc in Biology/Molecular Biology/Biotechnology/Microbiology
- MSc or equivalent integrated Master's degree
- More than 2 years' experience in insecticide resistance
- Oral and written skills in English language

Desired qualifications:

- Experience in insecticide resistance mechanisms, with focus on biochemical and biophysical assays
- Experience on insect chemosensory proteins

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 2)	20
2.	MSc or equivalent integrated Master's degree (Score points = grade x 2)	20
3.	More than 2 years' experience in insecticide resistance	Yes/no
4.	Oral and written skills in the English language (B1 = 5 points, B2 = 10 points, C1 = 15 points, C2 = 20 points)	20
5.	Experience in insecticide resistance mechanisms, with focus on biochemical and biophysical assays (12-24 months = 5 points, 24-36 months = 10 points, >36 months = 20 points)	20

6.	Experience on insect chemosensory proteins (12-24 months = 5 points, 24-36 months = 10 points, >36 months = 20 points)	20
Total score		100

Contract Duration: 6 months with the possibility of extension according to the project needs

Total budget: According to National Legislation and Experience

Envisaged starting date: 1st of January 2026

Application submission: Interested applicants should submit their application electronically by **December 01, 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: orz0848@imbb.forth.gr

PLEASE INCLUDE THE POSITION NUMBER IN YOUR APPLICATION EMAIL!

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.

Applicants 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.

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)