



Five (5) PhD Student positions

[Ref # ORZ-0896]

The Institute of Molecular Biology and Biotechnology (IMBB-FORTH www.imbb.forth.gr), under the European Program HORIZON-CL6-2023-FARM2FORK-01, entitled «*Next Generation Biopesticides for the control of the most "difficult-to-manage" pests and pathogens in fruits and vegetables*» short name "*NextGenBioPest*", awarded to IMBB, invites applications for five motivated PhD Student Positions

Info about the project:

Plant pests and pathogens damage agricultural production and endanger food security. Their control relies heavily on the use of synthetic insecticides, leading to a negative environmental impact. Developing new methods for pest and pathogen control is therefore essential to safeguard human health and meet the challenge of increasing crop yields, while reducing the use of chemical pesticides. The overarching objective of the **NextGenBioPest** project is to meet this need by delivering novel and improved products, methods, and practices for the rational control of the most difficult-to-manage arthropod pests and pathogens, with substantially reduced pesticide use.

Job Description: The successful applicant will undertake part of the discovery of a new tool kit for Plant Protection that will include diagnostics for pest and pathogen identification and incrimination and will develop methods to augment their performance in the field. They should also be adaptable and able to work with a range of people in a multicultural environment. Excellent knowledge of English is required.

PhD Student Position 1

Required qualifications:

- BSc in Biology/Chemistry/Biochemistry
- MSc in Biology/Chemistry/Biochemistry/Medicine
- PhD student

Desired qualifications:

- Experience in analysis of lipids (e.g., TLC)
- Experience in Microscopy
- Oral and written skills in English language
- Scientific conference participation
- Publication record

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 2)	10
2.	M.Sc. degree grade (Score points = grade x 2)	10
3.	PhD student	Yes/no
4.	Experience in analysis of lipids (e.g., TLC). 12-24 months = 5 points, 24-48 months = 10 points, >49 months = 15 points)	15
5.	Experience in Microscopy (12-24 months = 5 points, 24-36 months = 10 points, >36 months = 15 points)	15
6.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10



7.	Scientific conference participation (1-2 conferences = 10 points, >3 publications = 20 points)	20
8.	Publication record (1-2 publications = 10points, >3 publications = 20 points)	20
Total score		100

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

Total budget: Scholarship 1140 euro/month

Envisaged starting date: 1st of June 2026

Application submission: Interested applicants should submit their application electronically by **30th, April 2026 @ 13:00 (Greece time)**

PhD Student Position 2

Required qualifications:

- BSc in Biology/Chemistry/Biochemistry
- MSc in Biology/Chemistry/Biochemistry/Medicine
- PhD student

Desired qualifications:

- Experience in advanced confocal microscopy
- Experience in live super resolution imaging
- Oral and written skills in English language
- Scientific conference participation
- Publication record

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 2)	10
2.	M.Sc. degree grade (Score points = grade x 2)	10
3.	PhD student	Yes/no
4.	Experience in advanced confocal microscopy 12-24 months = 5 points, 24-48 months = 10 points, >49 months = 15 points)	15
5.	Experience in live super resolution imaging (12-24 months = 5 points, 24-36 months = 10 points, >36 months = 15 points)	15
6.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10
7.	Scientific conference participation (1-2 conferences = 10 points, >3 publications = 20 points)	20
8.	Publication record (1-2 publications = 10points, >3 publications = 20 points)	20
Total score		100

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

Total budget: Scholarship 1140 euro/month

Envisaged starting date: 1st of June 2026

Application submission: Interested applicants should submit their application electronically by **30th, April 2026 @ 13:00 (Greece time)**





PhD Student Position 3

Required qualifications:

- BSc in Biology/Chemistry/Biochemistry
- MSc in Biology/Chemistry/Biochemistry/Medicine
- PhD student

Desired qualifications:

- Experience in cell cultures
- Experience in calcium imaging
- Oral and written skills in English language
- Scientific conference participation
- Publication record

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 2)	10
2.	M.Sc. degree grade (Score points = grade x 2)	10
3.	PhD student	Yes/no
4.	Experience in cell cultures (12-24 months = 5 points, 24-48 months = 10 points, >49 months = 15 points)	15
5.	Experience in calcium imaging (12-24 months = 5 points, 24-36 months = 10 points, >36 months = 15 points)	15
6.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10
7.	Scientific conference participation (1-2 conferences = 10 points, >3 publications = 20 points)	20
8.	Publication record (1-2 publications = 10points, >3 publications = 20 points)	20
Total score		100

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

Total budget: Scholarship 1140 euro/month

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Application submission: Interested applicants should submit their application electronically by **30th, April 2026 @ 13:00 (Greece time)**

PhD Student Position 4

Required qualifications:

- BSc in Biology/Chemistry/Biochemistry
- MSc in Biology/Chemistry/Biochemistry/Medicine
- PhD student

Desired qualifications:

- Experience in drosophila melanogaster
- Experience in host pathogen interactions
- Oral and written skills in English language
- Scientific conference participation
- Publication record



	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 2)	10
2.	M.Sc. degree grade (Score points = grade x 2)	10
3.	PhD student	Yes/no
4.	Experience in drosophila melanogaster 12-24 months = 5 points, 24-48 months = 10 points, >49 months = 15 points)	15
5.	Experience in host pathogen interactions (12-24 months = 5 points, 24-36 months = 10 points, >36 months = 15 points)	15
6.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10
7.	Scientific conference participation (1-2 conferences = 10 points, >3 publications = 20 points)	20
8.	Publication record (1-2 publications = 10points, >3 publications = 20 points)	20
Total score		100

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

Total budget: Scholarship 1140 euro/month

Envisaged starting date: 1st of June 2026

Application submission: Interested applicants should submit their application electronically by **30th, April 2026 @ 13:00 (Greece time)**

PhD Student Position 5

Required qualifications:

- BSc in Biology/Chemistry/Biochemistry
- MSc in Biology/Chemistry/Biochemistry/Medicine
- PhD student

Desired qualifications:

- Experience in FLIM-FRET analysis of molecular interaction and membrane mechanics with FLIM microscopy
- Experience in plant pathogens
- Oral and written skills in English language
- Scientific conference participation
- Publication record

	Evaluation criteria	Maximum score
1.	B.Sc. degree grade (Score points = grade x 2)	10
2.	M.Sc. degree grade (Score points = grade x 2)	10
3.	PhD student	Yes/no
4.	Experience in FLIM-FRET analysis of molecular interaction and membrane mechanics with FLIM microscopy 12-24 months = 5 points, 24-48 months = 10 points, >49 months = 15 points)	15
5.	Experience in plant pathogens (12-24 months = 5 points, 24-36 months = 10 points, >36 months = 15 points)	15



6.	Oral and written skills in the English language (B1 = 2 points, B2 = 5 points, C1 = 7 points, C2 = 10 points)	10
7.	Scientific conference participation (1-2 conferences = 10 points, >3 publications = 20 points)	20
8.	Publication record (1-2 publications = 10points, >3 publications = 20 points)	20
Total score		100

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

Total budget: Scholarship 1140 euro/month

Envisaged starting date: 1st of June 2026

Application submission: Interested applicants should submit their application electronically by **30th, April 2026 @ 13:00 (Greece time)**

The application should consist of:

1. Application Form (see below)
2. CV
3. Brief statement of purpose
4. Scanned copies of academic titles
5. Scanned copies proving all the qualifications
6. Recent Certificate of Enrollment in a Doctoral Program
7. Interested applicants should indicate the number of the position they apply for (#....)

Submission of applications: orz0896@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 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)