HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION

FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS
INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

P.N. 0681-P/200134
10 November 2025

One (1) Postdoctoral Researcher Position

[Ref # PAR-0824]

The research group of Genome (In)stability and Mammalian Physiology (https://www.garinislab.gr/) under the Hevolution Foundation Geroscience Research Opportunities program (Project ID HF-GRO-23-119921), entitled "Targeting genome stability as root cause of aging" (Program Coordinator Prof. George Garinis) invites applications for one (1) postdoctoral researcher position.

About the lab
The Garinis lab investigates the impact of DNA damage on mammalian physiology during aging and its causative role in the premature onset of age-related diseases. We are using genetically engineered mouse models that carry inborn defects in Nucleotide Excision Repair and/or transcription as well as mice that carry tagged versions of proteins involved in DNA repair and/or transcription in combination with high-throughput, biochemical, molecular and cellular biology methods. This approach allows us to understand how mammalian cells exploit their natural defense strategies to counteract DNA damage-driven pathologies and prolong healthspan.

About the project:
DNA damage constantly occurs and requires a range of DNA repair systems to maintain genome integrity. While the role of impaired DNA repair and DNA damage accumulation in causing age-related diseases have been intensely investigated, improving overall DNA repair capacities have remained elusive. Our recent discovery of the DREAM complex as a master regulator of DNA repair capacities has revealed a mechanism that could enhance overall genome stability. This research program focuses on uncovering the mechanisms of DNA repair gene regulation, exploring the fitness costs of enhanced somatic DNA repair and establishing in vivo how augmented DNA repair through DREAM inhibition could extend healthspan in mammals.

Job Description:
A highly motivated and experienced postdoctoral research scientist will participate in the project titled "Targeting Genome Stability as the Root Cause of Aging", focusing on addressing the evolutionary trade-off of somatic DNA repair capacities and on investigating DREAM dysfunction in the DNA damage response in mice. The successful candidate should hold a BSc, MSc and PhD in Biology, Medicine, Life Sciences or related fields, and prior documented experience in molecular/cellular biology methods, imaging techniques, extracellular vesicles isolation and modification approaches and mouse genetics. Candidates with previous laboratory experience in the aging, DNA damage and repair research fields will be prioritized. Further, experience in processing and metabolism of nucleic acids, biochemical, molecular, cell culture and bioimaging techniques will be appreciated. Proficiency in understanding and analyzing research-related scientific data and ability to design, manage, and conduct research initiatives are pluses. S(he) should also have a strong publication record in peer reviewed journals in related research fields and fluency in English (written and oral).

Required qualifications:

- B.Sc. in Biology, Medicine or related fields
- M.Sc. in Biology, Medicine or related fields
- PhD in title in Biology, Medicine or related fields
- Oral and written skills in English language
- More than 8 years' experience with DNA damage in mammalian physiology and ageing
- At least 5 publications in peer-reviewed journals of impact factor of 7 or more
- Certification in handling animal (mouse) models (e.g. FELASA or equivalent certificate)

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Desired qualifications:

- Experience in processing and metabolism of nucleic acids, biochemical, molecular, cell culture and bioimaging techniques
- Participation in international meeting(s) with poster and oral presentation

	Evaluation criteria	Maximum score
1.	BSc in Biology, Medicine or related fields	YES/NO
2.	M.Sc. degree in relevant field	YES/NO
3.	PhD degree in relevant field	YES/NO
4.	Relevant laboratory experience (2 years = 10 points, 4 years = 20 points, 6 years = 30 points, >8 years = 40 points)	40
5.	Oral and written skills in the English language (B1 = 5 points, B2 = 10 points, C1 = 15 points, C2 = 20 points)	20
6.	FELASA Certification or equivalent certificate for animal handling	YES/NO
7.	At least 5 publications in peer-reviewed journals of impact factor of 7 or more (≤2 = 5 points, ≤5 = 10 points, ≥7 = 20 points)	20
8.	Experience in processing and metabolism of nucleic acids, biochemical, molecular, cell culture and bioimaging techniques	YES/NO
9.	Participation in international meeting(s) with poster and oral presentation	YES/NO
10.	The shortlisted candidates (>70/90 points) will be invited for an interview. The evaluation criteria for the interview are: (a) proficiency in understanding and analyzing research-related scientific data (10 points) (b) ability to design, manage, and conduct research initiatives (10 points)	20
Total score		**100**

Contract Duration: 3 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: 01/01/2026
Application submission: Interested applicants should submit their application electronically by **November 20, 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: par0824@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.

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)