



Patras, 23.11.2023

Ref. No.: 126016

Invitation for Expression of Interest:

PhD fellowship “Development of Experimental Protocols for Fluxomic Analysis in Cell Culture Systems”

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE- HT) is seeking applicants for one PhD candidate position in the context of the research project “Precision Manufacturing of Microengineered Complex Joint Implants (JOINTPROMISE)” - Grant Agreement number: 874837, which is implemented under the H2020 Research and Innovation Action.

Job Description

To conduct research as a Ph.D. candidate in the framework of bioinformatics investigation on the protein interaction pathways of bone formation in the context of available metabolomic and proteomic data. The job will also involve participation in meetings and preparation of reports to the FORTH team PI and the Coordinator.

Location: FORTH/ICE-HT, Patras, Greece

Duration: up to 6 months, with the potential of renewal or extension according to the needs of the project

Fellowship: up to approximately 850 € per month (graduate fellowship) depending on qualifications

Envisaged starting date: 1/1/2024

Requirements and Qualifications

The applicant should hold a BSc or Diploma in Physical Sciences or Engineering and a MSc in Biology or related Science. The applicant should be registered in a Ph.D. program. Experience in cell culture growth and analysis techniques and assays would be strongly favored and demonstrated experience with experimental fluxomic technologies, including isotopic labeling, will be positively evaluated. Publications in international peer-reviewed journals and presentations in conferences are to be positively evaluated. Candidates must have good knowledge of the Greek and English (Level B2) language.

The evaluation of the candidacies will be based on the following criteria and qualifications:

Qualifications	Weight	Evaluation criteria & Points
Relevance of the Diploma thesis & MSc Dissertation with cell culture growth and analysis techniques and assays	30	50% Diploma thesis + 50% Master’s thesis relevance (Strong relevance: 30 points, medium relevance, 15, weak relevance: 7.5 points)
BSc or Diploma GPA	30	The grade of the BSc or Diploma X 3 points
Publications in international peer-reviewed journals and conference proceedings	20	<u>Total</u> number of publications in international peer-reviewed journals and conference proceedings (5 points per publication, 2 points per announcement, with a maximum of 20 points)



Experience with experimental fluxomic technologies	10	Demonstrated through number of <u>relevant</u> publications in journals and announcements in conferences and symposia (5 points per publication, 2 points per announcement, with a maximum of 10 points)
Knowledge of the English language	10	C1=7.5 points, C2=10 points
TOTAL	100	

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 5/12/2023, 16.00h., by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr, cc: mklapa@iceht.forth.gr.

In order to be considered, the application must include:

- Application letter
- CV with clear description of the techniques possessed by the applicant and the level of experience
- Scanned copies of academic titles and language knowledge certificates
- Statement of research interests
- Copies of the publications in peer-reviewed journals and conference proceedings
- Copy of Undergraduate and MSc theses
- Certificate of registration as a PhD candidate
- Employer's certificate and any other official documentation of the required experience.

Any application received after the deadline will not be considered for the selection.

Selection Procedure

Applications that are received on time will be evaluated by a scientific committee using the criteria mentioned above. If necessary, certain candidates will be invited to a personal interview with the committee.

Interview Criteria:

(a) Background in the objective of the assignment (5 points). (b) Organizational and communication skills (5 points). (c) Team-spirit and self-motivation (5 points). (d) Commitment to achieving the goals (5 points)

The outcome of the selection will be announced on the website of FORTH/ICE-HT as well as on the website of "DIAVGEIA"

Selection Announcement

The result of the selection will be announced on the website of: FORTH/ICE-HT.

Candidates have the right to appeal the selection decision, by addressing their written objection to the FORTH/ICE-HT Research Secretariat, e-mail: kleanthi@iceht.forth.gr, within five (5) days after the results announcement on the web.

Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the FORTH/ICE-HT Research Secretariat, e-mail: kleanthi@iceht.forth.gr, tel.: +30 2610 965278.

For information and questions about the advertised position and the research activity of the group or the Institute, candidates are asked to contact Dr. Maria Klapa, tel: +30 2610 965249, e-mail: mklapa@iceht.forth.gr.



General Protection Data Regulation

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 you have submitted to us. 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.

We inform you that under the Regulation EU/2016/679 you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws.

We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at dpo@admin.forth.gr. You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.

For FORTH/ICE-HT

Theophilos Ioannides
Director

