



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT & INVESTMENTS  
GENERAL SECRETARIAT FOR RESEARCH & TECHNOLOGY



**FORTH**

FOUNDATION FOR RESEARCH & TECHNOLOGY - HELLAS  
INSTITUTE OF CHEMICAL ENGINEERING SCIENCES

Patras, 26/3/2021

Ref. No.: 49611

### Invitation for Expression of Interest:

#### Postdoctoral/Research Assignment “Biofabrication and bioreactor technologies for bone tissue engineering”

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

#### Job Description

To carry out experimental work on cell and tissue culture techniques as well as differentiation protocols and quality assays and be involved in the development of bioreactor and bioprinting processes. The job will also involve participation in the daily implementation of JOINTPROMISE project deliverables and preparation of reports to Project Coordinator and EC.

**Location:** FORTH/ICE-HT, Patras, Greece

**Duration:** 12 months, with the potential of renewal

**Salary:** up to 2500 € per month (total cost of the employer, including social security and taxes) depending on the qualifications

**Envisaged starting date:** 1/5/2021

#### Requirements and Qualifications

The applicant should hold undergraduate B.S. or Diploma in Materials Science, Mechanical Engineering or Chemical Engineering and a PhD in Natural Sciences or Engineering with focus on biomaterial development for tissue engineering applications. Experience with cell culture growth and analysis techniques and assays would be strongly favored and demonstrated experience with bioreactor and/or bioprinting technologies will be positively evaluated. Proven participation in EU funded research projects and publications in international peer-reviewed journals are required. Candidates must have good knowledge of English (Level B2). Experience in grant preparation would be favored.

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

Qualifications	Weight	Evaluation criteria & Points
PhD Dissertation in Biomaterials for tissue engineering applications	20	Relevance to the research topic (strong relevance: 20 points, medium relevance, 10, weak relevance: 5 points)
Participation in EU funded research projects and report writing	20	Duration of proven experience in EU funded projects; relevance of task allocation (5/year, max. 20 pts)



Publications in international peer-reviewed scientific journals and announcements in conference proceedings in the context of Biomaterials for tissue engineering application	20	Number of publications in journals and announcements in conferences and symposia in the in the context of Biomaterials for tissue engineering application (5 points per publication, 1 point per announcement, with a maximum of 20)
Experience in cell culture and cell analysis techniques	15	Demonstrated through PhD dissertation (10 points), recommendation letters (5 points), and published manuscripts (5 points)
Experience with bioreactor and/or bioprinting technologies	15	Demonstrated through PhD dissertation (10 points), recommendation letters (5 points), and published manuscripts (5 points)
Knowledge of the English language	10	B2=5, C1=7.5, C2=10

### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 12/4/2021, 11.00h., by email to Kleanthi Zacharopoulou: [kleanthi@iceht.forth.gr](mailto:kleanthi@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
- Two (2) recommendation letters
- Certificates of previous experience and participation in EU funded projects

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

### Selection Procedure

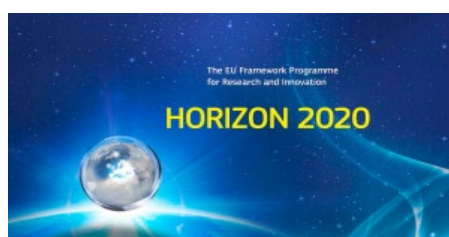
Applications that are received on time will be evaluated by a scientific committee using the criteria mentioned above. If necessary, certain candidates will be invited to a personal interview with the committee.

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

### 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](mailto: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](mailto: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](mailto: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,

Vasilis Burganos  
Director

