



Patras: 25.1.2023

Ref. No.: 99376

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)”) - Grant Agreement number: 874837, which is implemented under the H2020 Research and Innovation Action.

Job Description

To carry out, under a part-time work or a fixed-term employment contract, 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: up to 9 months, with the potential of renewal or extension according to the needs of the project

Salary: up to approximately 1.250 € per month (total cost of the employer, including social security and taxes) depending on the qualifications and time devoted to project

Envisaged starting date: 1/3/2023

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 the Greek and English (Level B2) language. 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 or 2-year post-doctoral work relevant to the research topic (strong relevance: 15 points, medium relevance, 10, weak relevance: 5 points)
Experience with bioreactor and/or bioprinting technologies	15	Demonstrated through PhD dissertation or 2-year post-doctoral work relevant to the research topic (strong relevance: 15 points, medium relevance, 10, weak relevance: 5 points)
Knowledge of the English language	10	C1=7.5, C2=10
TOTAL	100	

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 6/2/2023, 16.00h., by email to Kleanthi Zacharopoulou: 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
- Copy of Phd dissertation
- 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.

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

Vasilis Burganos
Director

