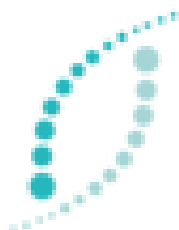




Patras, 16.05.2025

Ref. No.: 178948



Invitation for Expression of Interest:

Postdoctoral Research Assignment “Bioreactor technologies and profiling protocol development for CAR-T cell therapy”

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 “Artificial Intelligence-driven, Decentralized Production for Advanced Therapies in the Hospital, AIDPATH, GA No 101016909”, which is implemented under the H2020 Innovation Action (IA) «Digitising and transforming European industry and services: digital innovation hubs and platforms».

Job Description

To carry out, under a work or a fixed-term employment contract, development and application of experimental protocols for sampling for exo- and endo-metabolomic analysis of CAR-T bioreactor systems, and metabolic profiling of cell culture samples under various physiological conditions using mass spectrometry for the establishment of quality control systems. The job will involve participation in the meeting of the FORTH/ICE-HT AIDPATH team and also in meetings of the AIDPATH consortium and smaller teams regarding the quality control part of the CAR-T cell production process, the metabolomic analysis standardization and the regulatory requirements of the AIDPATH platforms.

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

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

Envisaged starting date: 1/7/2025

Requirements and Qualifications

The applicant should hold BSc or Diploma in Materials Science, Mechanical Engineering or Chemical Engineering and a PhD in Natural Sciences or Engineering. Experience with cell culture growth and analysis techniques and assays would be strongly favored and demonstrated experience with bioreactor technologies will be positively evaluated. Experience with mass spectrometry - based metabolomics will be strongly favored. 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 (at least 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 |
|---|------------|---|
| Experience with cell culture growth and bioreactor technologies | 30 | Demonstrated through PhD Dissertation (strong relevance: 20 points, medium relevance, 10, weak relevance: 5 points) and Number of publications in journals and announcements in conferences and symposia demonstrating this experience (3 points per publication, 2 points per announcement, with a maximum of 10 points) |
| Experience with mass-spectrometry based metabolomics | 30 | Duration of participation in relevant research projects (5 points per year with a maximum of 15 points) and Number of publications in journals and announcements in conferences and symposia demonstrating this experience (3 points per publication, 2 points per announcement with a maximum of 15 points) |
| Participation in EU funded research projects and report writing | 25 | Duration of proven participation in EU funded projects; relevance of task allocation (5/year, max. 25 points) |
| Knowledge of the English language | 15 | C1=7.5 points, C2=15 points |
| TOTAL | 100 | |

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 28/5/2025, 16:00, 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 thesis
- Employer's certificate and any other official documentation of the required experience

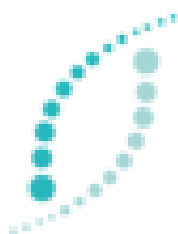
Any application received after the deadline will not be considered for the selection.

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”.

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.

Selection Announcement

The result of the selection will be announced on the website of: FORTH/ICE-HT as well as on the website of “DIAVGEIA”.

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

