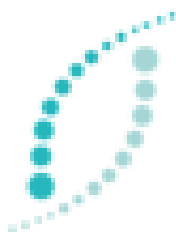




Patras, 16.05.2025

Ref. No.: 178951



**Invitation for Expression of Interest:
Research Assignment “Metabolic Modeling of Cell Cultures”**

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE- HT) is seeking applicants for research work 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 conduct research, under a work or a fixed-term employment contract, development and application of computational protocols for metabolomic analysis of CAR-T cell culture process and use an in-house developed human metabolic pathway meta-database to analyze the metabolic profiles generated by the lab. The job will involve participation in the meeting of the FORTH/ICE-HT AIDPATH team and also in meetings of the AIDPATH regarding the quality control part of the CAR-T cell production process and the metabolomic analysis standardization.

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 1800 € 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 Chemical or Biochemical Engineering or Bioengineering or relevant field. The applicant should have a MSc degree or have been registered as PhD Candidate with courses (bypassing MSc) having completed the course requirements in the subject of metabolic modeling. Experience with human metabolic network reconstruction, modeling of mammalian cell cultures and/or tissues and metabolic flux analysis methods would be strongly favored. Candidates must have good knowledge of Greek and English language (at least Level B2). Participation in research projects would be favored.

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



Qualifications	Weight	Evaluation criteria
Experience with metabolic modeling and flux analysis of mammalian cell cultures and/or tissues	40	Criterion is the duration of work in relevant research projects, 2 points / month, maximum score 40 points
Experience with human metabolic network reconstruction	45	<ol style="list-style-type: none"> 1. relevance of BSc Thesis to metabolic network reconstruction methods (strong relevance = 15 points, medium relevance = 10 points, weak relevance = 5 points) 2. relevance to MSc thesis or approved PhD Candidacy proposal (if PhD candidate with courses) (strong relevance = 15 points, medium relevance = 10 points, weak relevance = 5 points) 3. Number of relevant publications (5 points per publication in scientific journals, 2 points per conference presentation, up to 15 points in total)
Knowledge of English Language	15	7.5 points (C1), 15 points (C2)
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 methodologies possessed by the applicant and the level of experience
- Scanned copies of academic titles and language knowledge certificates
- Copies of the publications in peer-reviewed journals and conference proceedings
- Certificate of registration as a PhD candidate with courses (if applicable)
- Copies of BSc Thesis, MSc thesis or approved PhD Candidacy proposal (if registered as PhD candidate with courses and has passed the PhD Candidacy proposal presentation)
- Employer's certificate and any other official documentation of the required experience

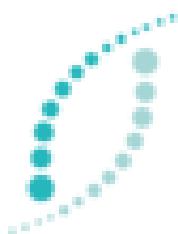
Any application received after the deadline will not be considered for the selection.

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,

Theofilos Ioannides
Director

