



Patras, 16.3.2022

Ref. No.:74500

Invitation for Expression of Interest:
PhD fellowship "Metabolic Profiling of Cell Cultures"

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE-HT) is seeking applicants for one PhD 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 graduate research fellow, in the framework of the aforementioned project "JOINTPROMISE". The main objective of the specific part of JOINTPROMISE is to develop and standardize experimental protocols for exo- and endo-metabolomic analysis of human and mammalian cell cultures in different media and setups and apply them to profile the biological systems and setups investigated in the project.

Location: FORTH/ICE-HT, Patras, Greece

Duration: up to 6 months, with the potential of renewal

Fellowship: up to 840 € per month (graduate fellowship)

Envisaged starting date: 01/05/2022

Requirements and Qualifications

The applicant should hold undergraduate B.S. or Diploma in Chemical or Biochemical Engineering or Biology or Biochemistry or relevant field and have a Master's degree in Systems Biology, Bioinformatics, Metabolomics, Biomolecular Chemical Analysis. The candidate should have been registered as a PhD Candidate in a systems biology or metabolomics subject. Experience with metabolomics analysis methods and protocols of mammalian cell cultures and/or tissues would be strongly favored. Experience with use of metabolic databases and metabolomic data analysis and interpretation would be favored. Participation in European research projects would be favored. 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
Experience with metabolomic analysis methods and protocols of mammalian cell cultures and/or tissues	45	As demonstrated by Master's thesis (relevance of the master's thesis: strong relevance: 15 points, medium relevance: 10 points, weak relevance: 7.5 points); participation in relevant research projects (6 points per year up to 30 points as maximum)
Experience with use of metabolic databases and metabolomic data analysis and interpretation	25	Demonstrated through publications and/or presentations to international conferences (5 points per publication up to 25 points maximum)
Knowledge of English Language	15	10 points (C1), 15 points (C2)
Interview	15	(a) Background in the objective of the assignment (6 points). (b) Organizational and communication skills (3 points). (c) Team-spirit and self-motivation (3 points). (d) Commitment to achieving the goals (3 points)

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 1/4/2021, 16:00h, by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr.

In order to be considered, the application must include:



Stadiou str., Rio
GR 265 04 Patras, Greece
Tel. +30 2610 965300
Email: admin@iceht.forth.gr

- 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
- Employer's certificate of the work experience and any other official document to certify the aforementioned required qualifications
- Certificate of registration as a PhD candidate

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.

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

