



Patras, 27.10.2023

Ref. No.: 123629

Invitation for Expression of Interest:

Postdoctoral Research Assignment "Bioinformatician to investigate the protein interaction pathways of bone formation in the context of available metabolomic and proteomic data"

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 fixed-term employment contract, bioinformatics investigation on the protein interaction pathways of bone formation in the context of available metabolomic and proteomic data. The job will also involve participation in meetings and preparation of reports to the FORTH team PI and the Coordinator.

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 1.900,00 € per month (total cost of the employer, including social security and taxes) depending on the qualifications and time devoted to project

Envisaged starting date: 1/12/2023

Requirements and Qualifications

The applicant should hold a BSc or Diploma in Natural Sciences or Engineering, a PhD in Natural or Health Sciences or Engineering. Post-doctoral experience of at least 3 years is required. Proven participation in funded research projects and publications in international peer-reviewed journals. Candidates must have good knowledge of Greek and English (Level B2) language. Proven experience in data mining from protein databases, biomolecular network reconstruction and analysis, and genome- and structure-based prediction of protein-protein interactions. Experience in analyzing proteomic and metabolomic data, comparative genomic analysis, and pathway functional enrichment analysis is highly preferable. Experience in European grant participation would be favored.

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

Qualifications	Weight	Evaluation criteria & Points
Experience in data mining from protein databases, biomolecular network reconstruction and analysis, and genome- and structure-based prediction of protein-protein interactions	40	Relevance of PhD thesis (weak relevance: 5 points, medium relevance: 7.5 points, strong relevance: 10 points) and number of relevant publications (3 points per journal publication up to 30 points max)



Experience in analysing proteomic and metabolomic data, comparative genomic analysis, and pathway functional enrichment analysis	30	Duration of proven experience, 3 points/year of employment in relevant projects with a maximum of 30 points
Participation in EU funded research projects	20	Duration of proven experience in EU funded projects 4 points /year, max. 20 points
Knowledge of the English language	10	C1=7.5 points, C2=10 points
TOTAL	100	

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 7/11/2023, 16.00h., by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr, cc: mklapa@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 scientific journals
- Copy of Phd dissertation
- Employer's certificate of previous experience and participation in EU funded projects and any other official document to certify the aforementioned required qualifications

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

Theophilos
Ioannides Director

