



FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS
INSTITUTE OF CHEMICAL ENGINEERING SCIENCES (FORTH/ICE-HT)

Call for Expression of Interest for one (1) Postdoctoral Fellow Position
in Biological Network Reconstruction and Analysis

The Institute of Chemical Engineering Sciences of the Foundation for Research & Technology-Hellas (FORTH/ICE-HT) in Patras, Greece is seeking applicants for one (1) postdoctoral position at the Metabolic Engineering and Systems Biology Laboratory (Principal Investigator: Dr. M. I. Klapa) to participate in the **European Commission's Seventh Framework Programme (FP7/2007-2013) research project STREPSYNTH (project n° 613877)** titled "*Rewiring the Streptomyces cell factory for cost-effective production of biomolecules*".

Job Description

The title of the research work is "Reconstruction of the Protein-Protein Interaction Network of *Streptomyces lividans* based on the integrated analysis of omic datasets". The job concerns the following: a) Reconstruction of the Protein-Protein Interaction Network of *Streptomyces lividans* based on the available literature data and the integrated analysis of transcriptomic, proteomic and metabolomic data, b) Collaboration with the other partners in the context of Task 7.3 for the reconstruction of the metabolic network of *Streptomyces lividans*, c) Contribution to the duties for the coordination of the dissemination of the project

Location: FORTH/ICE-HT, Patras, Greece

Duration: 9 months with possibility for extension

Salary: 19.800,00 €, VAT 23% included

Requirements and Qualifications

The candidates must hold a B.S or Diploma in Chemical Engineering or Chemistry or Biology and Ph.D degree in Chemical Engineering or Chemistry or Biology or Systems Biology/Bioinformatics. Candidates must have proven experience in biochemistry and protein chemistry. Candidates must have proven experience in computational analysis of biological systems and bioinformatics. Candidates must have proven knowledge of English.

Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than May 13th, 2015 by email to kleanthi@iceht.forth.gr.

In order to be considered, the application must include:

1. Brief statement of interest
2. Full CV
3. Scanned copies of academic titles and English language studies (or relevant proof of English knowledge)
4. Copies of research publications, Conference abstracts, Patent abstracts.
5. Two letters of recommendation (they should have been sent by the application deadline).

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

Selection Procedure

Applications that are received on time are going to be reviewed by the scientific committee. The committee will select the candidacy that best matches the position and project requirements, based on the score that it will get according to the criteria table as shown below. If necessary, certain candidates will be invited to a personal interview with the committee on a specific date and time that will be announced.

Scoring of Credentials - Criteria

The eligible candidates will be evaluated with weight factors which are analyzed in detail below:

Criterion	Weight factor (%)	Evaluation
BS or Diploma in Chemical Engineering or Chemistry or Biology or related fields	10%	The grade point average (GPA) (100 is allocated to the highest possible GPA of each GPA system)
PhD in Chemical Engineering or Chemistry or Biology or Systems Biology/Bioinformatics or related fields	ON/OFF	If it does not exist, the candidate is not considered eligible

<p>Scientific Excellence of the candidate in the subject of the work and related fields / Ability for the dissemination of the results and future prospects</p>	<p>25</p>	<p>Points/publication: 30 x IF(if first or corresponding author) – 30 x IF/number of co-authors (if co-author but not first or corresponding)</p> <p>Points/Conference report: 10 /international conference; 5 points/national report;</p> <p>Points/Invited talk: 20 Points/patent: 50/international patent; 20/EU-GR patent</p> <p>The results will be normalized with respect to the candidate with the best overall score in this criterion who is going to get 100 in this criterion</p>
<p>Research Experience in biochemistry, protein chemistry, computational analysis of biological systems/bioinformatics</p>	<p>25</p>	<p>Duration engagement with the subject of the work in research projects</p> <ul style="list-style-type: none"> - Long (more than 8 years): 100 points - Sufficient (4-8 years):80 points - Moderate (3-4 years): 60 points - Short (<3 years): 30 points
<p>Active participation in international/EU and national research projects</p>	<p>20</p>	<ul style="list-style-type: none"> -International/EU grant: 20 points/grant -National grant: 15 points/grant <p>The results will be normalized with respect to the candidate with the best overall score in this criterion who is going to get 100 in this criterion</p>

English Language	10	Excellent: 100 Good: 75
Recommendations + Interview	10	Excellent: 100 Very Good: 75 Good: 50

The successful candidate will be personally notified and will be asked to present the required documents in original form after the results announcement on the web. In the case that the presented documents do not match those submitted, the candidate will be dismissed from the procedure.

The result of the selection will be announced on the FORTH/ICE-HT website.

Candidates have the right to appeal the selection decision, by addressing their written objection to ICE-HT secretariat within five (5) working days since the results announcement on the web. They also have the right to access (a) the personal files of the candidates as well as (b) the table of candidates' scores in line with the Γ/ΕΞ/4163-1/06.07.2012 document of the Hellenic Data Protection Authority. All the above information related to the selection procedure will be available at the secretariat of FORTH/ICE-HT.

After the expiration of the appeal period and the review of the objections by the committee, the evaluation of the candidacies is finalized. Then the committee will ask the successful candidate to accept the position within three (3) working days and to present all relevant documents in original form. In the case that the presented documents don't match those submitted, the candidate will be dismissed from the procedure as well as in the case of non-acceptance or non-response on time. In these cases, the candidate with the second higher score will be asked to accept the position according to the same procedure. This will be repeated until a suitable candidate accepts the position. In case of no candidate accepting the position, the position will be declared vacant.

Contact

For more information about FORTH/ICE-HT please visit the URL <http://www.iceht.forth.gr>. For further information about the post-doctoral fellowship please contact Dr. Maria I. Klapa, tel: +30 2610 965249, e-mail: mklapa@iceht.forth.gr.