Post-doctoral Fellowship (BPD)

Job/Fellowship Reference: BPD3/PTDC/QUI-BIQ/119657/2010

Job summary: The Molecular Systems Biology Group at the Center for Neuroscience and Cell Biology (CNCB) – University of Coimbra, is seeking highly motivated candidates for a post-doctoral fellowship under the project FCOMP-01-0124-FEDER-020978 (FCT ref.: PTDC/QUI-BIQ/119657/2010) “Finding the naturally evolved design principles of prevalent metabolic circuits”, funded by FCT/MCTES (PIDDAC) and co-funded by the European Fund for Regional Development (FEDER) through “COMPETE – Programa Operacional Factores de Competitividade (POFC)”. Applicants of any nationality must have a Ph. D. diploma by the application deadline, a documented strong mathematical and computational background, and a strong publication record in bioinformatics, computational systems biology, biology-oriented computational chemistry or related areas. Documented experience in bioinformatics or mathematical modeling of biochemical processes is a strong preferential condition.

Qualifications: The candidate must have a Ph. D. degree

Research plan: The object of activity will be the characterization of widespread principles of quantitative design of metabolic network motifs through mathematical modeling, systems analysis and analysis of published experimental data.


Job description:

Place of work: The work will be developed at the Center for Neuroscience and Cell Biology – University of Coimbra (Coimbra and Cantanhede, Portugal), under the scientific mentorship of Dr. Armando Salvador.

Terms of employment: The fellowship will have the duration of 12 months and start October 2013 (negotiable date). Eventual renewal will be based on merit and availability of funds.

Terms of salary: The monthly salary (tax free) will be €1495, plus Social Security reimbursements, according to FCT, I.P.
Evaluation: The candidates will be evaluated according to their CV and publication record (30%), documented experience in bioinformatics or mathematical modeling of biochemical processes (20%), reference testimonials (10%), and interview of selected candidates (40%).

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President: Dr. Armindo Salvador
Vogals: Dr. Renata Silva and Dr. Maria João Moreno. Substitutes: Dr. Isabel Rocha and Dr. Marco Reis.

Publication of results: The results with the final classification will be published in a public and visible place in Center for Neurosciences and Cell Biology – University of Coimbra, and all the candidates will be notified of selection/rejection by email.

Application deadline: Applications can be submitted from August 14th to 29th 2013 indicating reference BPD3/PTDC/QUI-BIQ/119657/2010 and including all the following documents: motivation letter, curriculum vitae, publications list, copy of Ph. D. diploma/certificate, and contact information (email and phone) of at least three references. Applications must be submitted by email to armindo.salvador@gmail.com