



Research Scientists for Structural Molecular Biology

Applications are invited for three research scientist positions available in the Structural Biology and Chemistry Group (SBCG), Institute of Organic & Pharmaceutical Chemistry, at The National Hellenic Research Foundation, Athens, Greece.

Position A

An experienced researcher with expertise in computational approaches to structure based drug design such as docking, MD, QSAR, QM and QM/MM is sought to carry forward the computational and molecular modelling infrastructure of SBCG. He/she will work closely with all group members and also in co-operation with our collaborators (synthetic chemists, biologists, etc) from Greece and abroad to derive computational protocols exploiting experimental data that would direct future ligand design, synthesis and evaluation. Qualified applicants should hold a PhD in Biochemistry, Molecular Biology, Biology, Chemistry or related fields and more than 10 years of research experience.

The maximum gross annual salary, including social insurance, is 44.600 € and depends on previous experience in the field.

Position B

A postdoctoral researcher with experience in modern molecular biology and biochemistry techniques is sought to fulfil all the protein production requirements of SBCG. The candidate should have proven experience in recombinant DNA and chromatography techniques for cloning, expression and purification, of target genes. The researcher will have to develop all the protocols for bacterial or eukaryotic cells (yeast and insect) expression and purification of proteins from inclusion bodies, cytoplasm, periplasm, or culture media. He/she will also have to setup enzyme kinetics protocols in order to evaluate the integrity of the produced proteins and correlate enzyme structure with function. Qualified applicants should hold a PhD in Biochemistry, Molecular Biology, Biology, Chemistry or related fields. Previous experience in protein production for structural studies will be considered an asset.

The maximum gross annual salary, including social insurance, is 30.000 € and depends on previous experience in the field.

Position C

We are seeking an X-ray Laboratory Manager to perform lab experiments related to protein crystallization and X-ray crystallography. Minimum requirements are a BSc. degree in biology, chemistry, biochemistry or related science. The successful candidate will have at least one year of research experience and demonstrated expertise with equipment necessary to perform lab experiments related to structural

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biology and X-ray crystallography. His/her duties will include: Maintenance of a user friendly data collection environment, maintenance and operation an X-ray diffraction system, and a crystallization robot; installation and incorporation of new software and hardware peripherals into the facility; provision of training and assistance to users in all phases of robotic protein crystallization, and X-ray data collection.

The maximum gross annual salary, including social insurance, is 20.000 €

The posts are available for 3 years, starting February 1st 2009, and will be implemented through renewable yearly contracts. To apply for any of these position please send a synopsis of research experience, along with a CV, and the contact details of two referees, to: Dr. Demetres D. Leonidas (ddl@eie.gr) before December, the 27th 2008.

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