Bioinformaticist / Computational Chemist Postdoctoral Fellow

Description
As part of AstraZeneca’s commitment to advanced target identification, lead generation and optimization in drug discovery, we are looking for a postdoctoral fellow to join our Computational Chemistry group, at our Bangalore R&D centre. Join us, and you will become part of an experienced team with expertise in structure-based design, virtual screening, property based molecular design, data analysis and bioinformatics. Understanding the projects’ needs, the potential contributions of Bioinformatics/Computational Chemistry in a drug hunting environment and an ability to influence target selection and medicinal chemistry are key requirements of the Computational Chemistry group. In this role, you will be supporting efforts in the identification of suitable protein targets, evaluation of their druggability and molecular design of potential inhibitors. Towards this end you will be implementing novel Bioinformatics strategies including Systems Biological approaches, coding and/or applying algorithms pertaining to Genome and structural analysis under Unix environment.

The position for an initial period of one year and is likely to be changed into a regular position depending upon performance.

Minimum Requirements - Education and Experience
A personable and enthusiastic communicator you will have practical expertise in a number of areas of computational chemistry/biology. Knowledge in Protein conformation, structural modelling packages, Java and relational databases, experience in web application development and large-scale biological data management would be an advantage. Ability to relate statistical trends in large datasets with appropriate biological interpretation is a distinct advantage.

Ph.D. degree in Bioinformatics/Computational Biology is essential. Prior industrial experience will strengthen your case. Those who have submitted doctoral thesis and awaiting degree are also encouraged to apply.

Please email your CV to manoj.singlachar@astrazeneca.com

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INDO-US SCIENCE AND TECHNOLOGY FORUM
Fulbright House, 12 Hailey Road, New Delhi 110 001, India
http://www.indousstf.org

THIRD CALL FOR PROPOSAL – 2009

The Indo-US Science and Technology Forum (IUSSTF), established under an agreement between the Governments of India and the United States of America, is an autonomous, not for profit society that promotes and catalyses the Indo-US bilateral collaborations in science, technology, engineering and biomedical research through substantive interaction among government, academia and industry.

The IUSSTF seeks to support innovative programs aimed to stimulate interactions that have a strong potential for generating follow-on activities and building long term Indo-US S&T relationships. The IUSSTF promotes program that nurtures contacts between the young and mid career scientists and technologists and fosters active public-private partnership in R&D.

The IUSSTF solicits proposals twice a year (submission deadline – February, June, October) jointly submitted by the US and Indian Principal Investigators from academia, government institutions/laboratories and private R&D entities for:

- Knowledge R&D networked and Public–Private networked Indo-US centres
- Indo-US workshops, conferences, symposium
- Training program/advance schools
- Travel grants

Detailed format available at http://www.indousstf.org

For further details & electronic submission:
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Submission Deadline: 15 October 2009 and Award Announcement: mid January 2010