

Bioinformatics “Post-doctoral Research Associate” position in SciWhyLab

PI: Prof Shandar Ahmad, SCIS, JNU

(www.sciwhylab.org)

Last date to apply: May 16, 2018

To apply, please fill up the following application form:

<https://forms.gle/Cx2aUEs3TMR8hqWJ7>

(Please do NOT send email or Hard copy by post)

Following research positions have become available in a DBT-funder project titled “*Data Driven Modeling of Pathogen-specific host responses mediated by nucleic acids sensing proteins*”. The project involves development of machine learning and statistical methods to decode protein-nucleic acid interactions involved in host-pathogen systems both in the extracellular and cytoplasmic environments. Specifically, we are interested in integrative analysis of gene expression, sequence and structure patterns of pathogen and cellular specificities of various nucleic acid sensors. Data integration and machine learning techniques will be implemented and developed as part of this project. Our lab focuses on data driven biology and is interested in the subject at the interface of computer science and biology. We have strong collaborations with wet lab Biologists in general and as part of this project. The Co-investigator in the project is Prof. Rupesh Chaturvedi of School of Biotechnology, Jawaharlal Nehru University.

The titles of the positions and requirements are listed below:

1. One Post doctoral Research Associate: The position is open to a person with strong computational skills and good knowledge of biological systems. Candidates with computational science background willing to learn and work on biological systems will also be considered. Applicants should have been awarded a doctoral degree at the time of their interview.

Salaries will be as per the rules of Department of Biotechnology.

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For queries, please contact: Professor Shandar Ahmad, shandar@jnu.ac.in