**Bioinformatics “Post doctoral” (one) and Project Assistant (two) Positions in SciWhyLab**

**(**[**www.sciwhylab.org**](http://www.sciwhylab.org)**)**

Last date to apply: November 15, 2018

To apply, please fill up the following application form:

<https://goo.gl/forms/iAIH4hj8BOQ7yru32>

(**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.
2. Two project assistants: These positions are open to candidates with a Master’s degree in life science or Bioinformatics. Background in computing and previous experience of handling Bioinformatics software will be preferred. At least one of the candidates should also be able to perform wet lab experiments in Molecular Biology.

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

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