

**Bioinformatics “Post-doctoral Research Associate” position in SciWhyLab**

**PI: Prof Shandar Ahmad, SCIS, JNU**

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

Last date to apply: August 31, 2021

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To apply, please fill up the following application form:

<https://forms.gle/xUp8bfi4tjJ1mpin9>

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

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A post doctoral position has 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. Other research lab activities can be seen via lab website at [www.sciwhylab.org](http://www.sciwhylab.org) or subscribing to its YouTube Channel <https://www.youtube.com/SciWhyLab/>

The position is open to a person with strong computational skills and good knowledge of biological systems, particularly evolutionary patterns in host-pathogen interactions. Applicants should have been awarded a doctoral degree before the time of their interview.

**Appointment will be made only for a period of 6 months or until the project lasts.**

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

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

For queries, please contact:

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