

## OPEN POSITION FOR A PROJECT ASSISTANT

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### PROJECT

Genomics of host-pathogen interactions

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### PROFILE

A Project Assistant position is available at the Evolutionary Immunology Lab of Dr Imroze Khan, Department of Biological Sciences at Ashoka University.

The [lab](#) is primarily interested in tracking the complex dynamics of evolving immune responses against pathogenic infections and disease, using diverse methods ranging from experimental evolution, life-history analyses, genomics to genetical and physiological manipulations.

The researcher hired for this position will collaborate with a team of graduate students to study the genetic bases of pathogen resistance and of associated life-history trade-offs (e.g., somatic vs germline maintenance) in laboratory adapted populations of tractable insect hosts (e.g., *Drosophila melanogaster*) evolving under chronic pathogen exposure.

These studies will be strongly multi-disciplinary, and will include a significant amount of bioinformatics to analyse RNAseq and genome sequencing data

The student will also be supported to develop their own research directions and mentored towards achieving their individual career goals (e.g., Doctoral studies in future)

The Project Assistant should be able to start as early as in August 2022, but exact dates can be negotiated with the PI.

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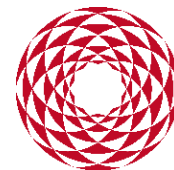
### DURATION

The position is available for up to ~3.5 years, subject to annual review of performance.

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### MONEY

Salary and benefits are commensurable to prior experience and in accordance with Department of Biotechnology, Government of India guidelines.



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## QUALIFICATION

- A Master's degree in any basic science discipline, including Biology, Chemistry, Physics, Computer science, and Mathematics
- Qualification in one of National Eligibility Tests- e.g., JGEEBILS/ INSPIRE/CSIR-UGC/ ICMR/ GATE will be preferred

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## EXPERIENCE

- Experience/Interest in bioinformatics analyses & computational biology (e.g., genomics, transcriptomics, or metagenomics) is a must
- Experience in basic molecular biology/physiology techniques, and/or host-parasite systems, is desired

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## TO APPLY

Selection will be conducted in two stages where applications will first go through an initial screening, followed by an online interview by a panel of scientists at Ashoka University. The decision of the interview panel regarding the suitability of the candidate will be final. We will not encourage any further correspondence in this regard.

To apply, please send your (1) CV, (2) a brief statement of research interests (<750 words), with a note justifying how you see yourself fitting within our research group and (3) contact details of at least two referees (email and contact number) to [imroze.khan@ashoka.edu.in](mailto:imroze.khan@ashoka.edu.in)

**Last day of Application is July 31, 2022**



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