

Job Opening for Research Associate (Job Code - 14)

(All applicants must list Job code number i.e. JC – 14 in their application to be considered)

TIGS, founded in 2017, is a non-profit research institute that aspires to develop solutions to challenges in human health and agriculture. TIGS is a unique initiative to support applications of cutting-edge science and technology in genetics and genomics to solve societal problems of the country. The most significant challenges that impede the achievement of health equity and nutrition security for all of India's population require systematic evidence-based scientific advancements and technological solutions. Research programs at TIGS are focused on three broad areas: Infectious Diseases, Rare Genetic Disorders, and Crop Improvement.

TIGS is a program driven research institute with a focus on solving pressing societal challenges. We are seeking applications from enthusiastic candidates to join as Research Associate in a project: Developing a frugal and accessible method of single cell RNA sequencing for the Indian research and biomedical community.

Website: www.tigs.res.in

Roles and Responsibilities:

Research Associate (JC - 14): While we will work with commercial single cell sequencing platforms the primary goal is to optimise non-commercial methods of single cell sequencing that use standard molecular biology tools and reagents. Therefore, the project will involve extensive use of molecular biology methods and handling of RNA. It will involve working with tissues from invertebrates, vertebrates, and cell lines. It will involve FACS and NGS sequencing and downstream analyses.

Number of positions: 01

Essential Qualifications/Requirements

Qualifications:

- PhD

Desired but not necessary

- Experience in molecular biology
- FACS
- Bioinformatics

Duration: Initially for one year and extension based on performance review.

If you are interested in applying for the above research position, please send the following documents, with a clear reference to the job number listed above & to the following email address: jobs@tigs.res.in

- A cover letter explaining your interest in the project (**one-page max**).
- CV with email, phone number and contact details of three referees.

Please note, emails with only attached CV will NOT be considered. (Applicants must list Job no JC - 14 in their application to be considered)

Application Deadline: January 31, 2023