

## **Job Opening for Chief Scientific Officer (JC - 11)**

**(All applicants must list this number in their application to be considered)**

**Number of positions: 01**

**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 for a Chief Scientific Officer with the following primary responsibilities for Scientific/Strategic programs:

**Website:** [www.tigs.res.in](http://www.tigs.res.in)

### **Roles and Responsibilities:**

- Develop and handle institutional international collaborations in line with the TIGS Vision
- Provide strategic program coordination, especially for new Genomics and Data-based initiatives
- Conceptualize and help launch new programs
- Identify new opportunities, aid in development of strategic scientific partnerships
- Drive broad scope projects that have medium to long-term focus involving multi-institutional efforts, including externally funded program with multiple partner institutions
- Coordinate with teams during all phases of the project life cycle including requirements gathering, design, proposal, pilot, implementation, and data analysis for scientific outcomes
- Liaise with diverse teams involved in technical implementation and data analysis. It will be highly desirable to play key role of advisor to Bioinformatics team for Genomics projects, technical inputs for data analysis and interpretation, overall project outcomes and manuscripts
- Scientific Data Visualisation to aid in science outreach and creating an international online presence for the projects
- Setting up data-based systems for the institute's rare disease programs, such as data SOPs and pipelines and databases in the Indian context

### **Additional Responsibilities:**

- Scientific vision, policy and future roadmap, inputs for institutional grants, research proposals, white papers, and blogs
- Engage in scientific meetings, facilitate scientific and data exchange across multiple levels

- Literature searches and evaluation to support development of innovative projects and deliverables
- Liaise between multiple stakeholders from the scientific community and establish and maintain external collaborations with academic groups

### **Essential Qualifications/Requirements**

- Ph.D. with 12+ years of academia/industry with relevant experience
- Proven track record of research and publications and top-class scientific writing capabilities
- Strong command over English language and excellent ability to communicate objectives, plans, status, and results
- Must be able to effectively interact and communicate with teams and stakeholders from across and beyond the organization
- Strong leadership, conflict management, planning and interpersonal communication and coordination skills with cross-functional teams
- Broad scientific knowledge coupled with time management, critical thinking skills and careful attention to detail. Ability to balance analytical and interpersonal skills, and a strong executive presence.

### **Desired background**

- Genomics, Epigenetics, Stem cell biology, NGS approaches for Genomics and Epigenomics, Bioinformatics, Data analysis, Interpretation, and Visualisation
- Project management experience with demonstrated record of collaboration across diverse teams and organizations. Should be outcome oriented with the ability to focus on the big picture as well as guide technical details, including extensive planning, focused execution, and diligent follow through
- Data analysis, handling and interpretation and technical experience in working with Bioinformatic teams, especially in Genomics

### **Functional & Behavioural Skills**

- Strong project planning and problem-solving skills and capable of handling multiple projects under strict timelines
- Ability to identify and solve complex technical and scientific problems
- Strong Internal and External networking capabilities, Leadership, and Mentoring capabilities.
- Should be able to drive a diverse functional team to deliver outcome across multiple projects.
- Excellent attitude to work in a collaborative leadership team and help other members
- Integrity and adherence towards all Organization policies and procedures and Statutory and Regulatory Compliance as required and specified by different authorities globally abroad that are relevant to the business
- Integrity towards Confidentiality and Secrecy of Data and Information in the organization

If 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**

- Cover letter with CV, email ID, phone number and contact details of **3 referees**
- A statement of purpose explaining the salient aspects of your background that are relevant to the position (**one-page max**)

**Application Deadline: June 20, 2022**