

Scientific Officer- Molecular Genetics/ Molecular Pathology

Conceptualized in the year 2004 as a philanthropic initiative for the Eastern and North-Eastern parts of India and the neighboring countries, the Tata Medical Center (TMC) started operations in Kolkata on May 16, 2011. The hospital is governed by a charitable trust – Tata Medical Centre Trust. It is an integrated Oncology facility with well-trained professional staff and equipped with modern facilities and the most contemporary medical equipment. The hospital was designed by Cannon Design, a renowned architectural firm from North America. It is located on 13 acres of land at New Town in Kolkata, West Bengal.

The hospital is an integrated Oncology facility with well-trained professional staff and equipped with modern facilities and contemporary medical equipment. The Hospital, with a capacity of 437 beds, serves all sections of the society, with 75% of the infrastructure earmarked for subsidized treatment for the underprivileged sections. It provides a wide spectrum of services from diagnosis and therapy to rehabilitation and palliative support. The Institution's objective is to excel in service, education and research. The institution has a very large molecular diagnostic laboratory.

Tata Medical Center, Kolkata, has strived to be one of the leading cancer care and research institutions in the country and has benefited West Bengal as well as the adjoining states and neighbouring countries.

TMC is also running many academic programmes and has entered into institutional collaborations in education, research, and outreach programmes in the field of interdisciplinary medical, research and technology.

To fulfil the above objectives TMC invites applications for the position of:

Scientific Officer- Molecular Genetics / Molecular Pathology

Qualification: M.Sc in Biological Sciences or higher qualification with experience in Molecular Biology Techniques.

Experience: Minimum 2 Years post qualification experience working in a reputed laboratory/ institutes in the field of molecular genetics (Clinical Diagnostics or Research Projects)

Brief Job Description

- Significant experience in molecular diagnostics laboratory with hands on experience in different molecular techniques such as manual and automated DNA/RNA extraction, nucleic acid amplification tests such as PCRs, real-time PCR, gel electrophoresis, Sanger Sequencing, Fragment Analysis and NGS techniques. Wet and dry lab experience in NGS for at least 2 years would be essential.
- The candidate must comply with the health and safety standards of the laboratory, and demonstrate good laboratory practices at all times.
- The person should be prepared to do on call duties, including those at night and be prepared to work on Holidays / Sundays in Molecular Genetics.

GENERAL DUTY:

- Work as a team and share roles and responsibilities
- Take additional responsibilities to deal with staff shortages or increased workload
- Be prepared to stay beyond the normal working hours to deal with important routine or emergency work
- Maintain good documentation of their work
- Maintain and improve their technical and scientific competency through regular teaching / training sessions
- Be ready to teach and train others from time to time
- Maintain a professional atmosphere within work areas
- Be prepared to take on managerial responsibilities such as those involving laboratory audit, inventory management, quality assurance, equipment maintenance, health and safety, duty-rota development, writing standard operating procedures, human resource allocation in different sections of the laboratory etc.
- Get involved and assist the laboratory in basic or clinical research. This may involve doing additional laboratory bench work or writing manuscript for scientific articles. Presenting posters / papers in local / regional / national scientific meetings

5. RIGHT PERSON :**Essential Attributes:**

- A person with Philanthropic bent of mind.
- Sound Technical knowhow
- Good working experience in Hematology
- Good Inter-personal Skills
- Excellent analytical skill for Problem solving
- Quality Conscious

Desirable Attributes

- Ability to work in an unstructured work situation with multiple demands.
- Good Team Player
- Experience with NGS techniques, trouble shooting skills, especially ability to optimise and standardise NGS based Clinical Genomic Assays and develop new in-house molecular biology assays.
- Computer skills, knowledge of laboratory information systems and experience with Internal Quality Control and External Quality Assurance programmes are desirable.

***For more details and application forms, please log on to our website today:
www.tmckolkata.com**

Interested applicants may also Email or Post applications by 25th August 2025 at the given address :

Mr. Suvasish Mukherjee, Head-Human Resources, Tata Medical Center, 14 MAR (EW), New Town,
Kolkata – 700160.
Email – suvashish.mukherjee@tmckolkata.com