

Cytogenetics Scientific Officer

Conceptualized in the year 2004 as a philanthropic initiative for the Eastern and North-Eastern parts of India and the neighbouring 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 Cytogenetics Department handles more than 3000 samples per year that include peripheral blood, bone marrow and solid tissue. The laboratory also performs Mitomycin C testing to detect chromosome breakage in patients suspected to have Fanconi anaemia.

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

Technologist/Scientific Officer - Cytogenetics

Qualification: BSC/MSC

Experience:

A minimum of 2 years of experience in Cytogenetics & FISH is a must.

Essential Skills required:

The post holder must have the following essential skills:

- Person recruited must have knowledge for cell culture and harvesting techniques.
- He must be able to perform the karyotyping of human chromosomes i.e. organization of chromosomes according to a standardized ideogram as well as chromosome preparation analysis, different staining procedures including slide preparation, microscopic and photo microscopic analysis, computer imaging techniques.
- Technical skills to perform Fluorescent in situ hybridisation (FISH) on liquid (peripheral blood/bone marrow) and solid tissues (FFPE)
- Ability to interpret the results
- Basic knowledge of computers i.e. Microsoft word, PowerPoint and Excel
- Must be a team player with willingness to put in extra efforts.

Brief Job Description:

- Role in planning and performing all assays in **Cytogenetics including Karyotyping, FISH.**
- Processing all the received samples including Culturing, Harvesting, Slide making, Banding etc.
- Media and reagent preparation
- Performing and analysing FISH assays
- Knowledge of ISCN
- Ensure strict adherence to SOPs while performing the test.
- All routine administrative work related to day-to-day functioning of the lab including inventory management.
- Updating daily log sheets.
- To provide training or knowledge transfer to the trainees/observers through training programs.
- Active participation in the Inter/Intra-departmental sessions like journal clubs
- Selected candidate will be encouraged to present posters/papers in National Conference.

What are we looking for?

- An energetic, enthusiastic individual capable of performing experiment, analysing and presenting data
- A team player
- The remuneration will be commensurate with years of experience.

***For more details and application forms, please log on to our website today: www.tmckolkata.com. You may also Email or Post applications by 8st July 2025:**

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