



Job advertisement: Scientific Officer in Microbiology

Tata Medical Center in Kolkata is a state-of-the-art tertiary Comprehensive Cancer Care Center established to serve the needs of society in the eastern part of India. It is a philanthropic initiative from the House of Tata. Its mission is to promote Prevention, Early Diagnosis, Treatment, Rehabilitation and Palliation and Research for cancer patients.

The Hospital, with a capacity of 437 beds serves all sections of the society. The Institution's objective is to excel in service, education and research.

To fulfil the above objectives Tata Medical Center invites applications for the position of: **Scientific Officer in Microbiology**

Qualification:

Essential: M Sc in Microbiology/ Bio-Technology (with concentration in the field of Medical Microbiology)

Desirable: PhD in Microbiology (with concentration in the field of Medical Microbiology)

About the Department of Microbiology at Tata Medical Center, Kolkata:

Webpage: <https://tmckolkata.com/in/microbiology/>

The Microbiology department aims to provide patients and doctors with timely, clinically relevant, and quality assured diagnostic test results in Bacteriology, Mycobacteriology, Serology, Virology, Mycology, Parasitology for in-patients, out-patients or other external clients at an affordable price. The laboratory is committed to provide an intellectually stimulating, safe, secure, educationally friendly work environment to its staffs and scientific officers, and concentrates on continuous quality improvement, research and development.

Job description of the Scientific Officer in Microbiology:

1. Clinical sample processing
2. Microscopy- Gram stain, ZN stain, etc
3. Bacterial identification by standard microbiology methods: manual or automated
4. Antimicrobial susceptibility testing: manual and automated methods
5. ELISA: manual and automated
6. DNA, RNA extraction
7. PCR: end point, real-time, manual and automated
8. Designing PCR primers and probes
9. DNA sequencing: Sanger, Next Generation Sequencing
10. Laboratory data entry, data analysis, manuscript preparation
11. Weekend duties, holiday duties, shift duties
12. Development, standardization, validation of new tests
13. Taking theory and practical classes for students; presentation in departmental meetings
14. Quality control

Essential Requirements:

1. Good understanding about Diagnostic Microbiology
2. Good understanding about Bio-Safety Levels
3. Ability to work in a team
4. Good communication and inter-personal skills



5. Good presentation and teaching skills
6. Computer proficiency: Microsoft Word, Excel, Powerpoint; use of internet, emails
7. Language skills: English, Bengali, Hindi (writing, speaking, comprehension)

***For more details and online application forms, please log on to our website today:**

Institute website: <https://tmckolkata.com/in/> ;

<https://tmckolkata.com/apps/hrd/careers.php>

You may also Email or Post applications to:

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

Queries regarding the post may be directed to: sanjay.bhattacharya@tmckolkata.com ;
gaurav.goel@tmckolkata.com (consultants in microbiology)

CV must contain the following details:

1. Full name:
2. Date of Birth:
3. Gender:
4. Permanent address:
5. Current address:
6. Email:
7. Mobile number:
8. Qualifications: PhD/ MSc with year of qualification, subject, Institution and University:
9. Job experience including current job details (if any):
10. Experience in Microbiology:
11. Experience in Molecular Biology:
12. Skills in Microbiology and Molecular Biology/ Molecular Microbiology:
13. Publications:
14. Workshops/ training courses attended:
15. References: Two recent referees with full name, designation, institution, mobile number and email address:

Last date of application: 31st March 2024.