

# Tata Medical Center Fellowship Program



## Fellowship in BMT and Cellular Therapies

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. 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 Department:

The Clinical Hematology department caters to treat all patients with hematological disorders, with emphasis on hematological malignancies. The clinical department is adequately supported by laboratory sciences, equipped to reliably perform investigations from the basic ones to the latest molecular tests, which serve not only as proper prognostication tools, but also help us to personalize treatment. A state of the art 9 bedded stem cell transplant unit performs autologous and allogenic (matched sibling and unrelated donor) transplant for hematological malignancies, bone marrow failure syndromes (inherited and acquired), immunodeficiency states and thalassemia major. The transplant program has received internationally-recognized accreditation by the Foundation for the Accreditation of Cellular Therapy (**FACT**) by demonstrating compliance with the most rigorous FACT-JACIE International Standards for Cellular Therapy. This covers the entire spectrum of stem cell therapy, from clinical care to donor management, cell collection, processing, storage, transportation, administration, and cell release. The center has recently initiated CAR-T cell therapy for B-cell malignancies and Multiple Myelomas.

### BMT and Cellular Therapy Fellowship Objectives:

- Primary area of clinical care and focus: bone marrow and stem cell transplantation, cellular therapies (CAR-T cell therapy), apart from routine inpatient and outpatient services in adult hematology
- Understand the indications, selection of patients and procedures involved in stem cell transplantation.
- Sequencing of care including the use of novel monoclonal antibodies, BiTcs, CAR-T and Stem cell transplants in the treatment of hemato-lymphoid malignancies
- Clinical research and drug trials
- Understand managerial aspects of running a stem cell transplant unit.

**Fellowship Duration:** 1 year

**Eligibility Criteria : Essential:** Any one of the following medical qualifications

- DrNB/ DM Clinical Haematology
- DrNB/ DM Medical Oncology

**Clinical responsibilities:**

Primary management of stem cell transplant and cellular therapy services along with supervisory role of inpatient and outpatient adult clinical hematology services.

**Academic responsibilities:**

With appropriate guidance and under supervision, the postdoctoral student will be responsible primarily for the acquisition of knowledge in areas of malignant hematology, bone marrow failure syndromes and Transfusion Medicine. Such knowledge will be acquired and demonstrated through Seminars, Case Presentations, and Journal Clubs, proper use of the library for "Suggested Reading" and formal reviews of selected major topics. Faculty staff would be present at these various exercises so as to provide the appropriate input. When necessary, Faculty staff may be required to review certain subjects in the form of formal lectures; however, lectures will not play a dominant role in the theoretical component of the training programme. Clinical experience will be acquired by the trainee by day to day management of all patients admitted to the hematology service. Faculty will be involved in teaching of trainees in the ward- rounds and outpatient clinics.

**Opportunities for career advancement:**

The aim of the fellowship training in Clinical Hematology is to ensure that the trainee at the end of his training possess the necessary clinical and laboratory skills to be able to manage patients with primary haematological malignancies and interact as a consultant for hematology problems from other specialties and be competent in stem cell transplantation and cellular therapies.

**\*For more details and application forms, please log on to our website today: [www.tmckolkata.com](http://www.tmckolkata.com)**

**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](mailto:suvashish.mukherjee@tmckolkata.com)