

MALABAR CANCER CENTRE

(An autonomous centre under Govt. of Kerala)

Moozhikkara(P.O), Thalassery, Kannur District, Kerala, India-670103.

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Fellowship in Apheresis Medicine Brochure 2018-2019



1.0 Introduction

Malabar Cancer Centre is an autonomous institution under Ministry of Health and Family Welfare, Government of Kerala. This is being developed as a teaching institution to train doctors, nurses and other paramedical personnel in various fields of oncology. The institution is right now on an expansion mode and will soon be converted into Postgraduate Institute of Oncology Science and Research.

Transfusion Medicine (Blood Bank) supports in the management of cancer patients by providing blood components and supports bone marrow transplant program in our centre. Apheresis Medicine is a medical discipline that involves a variety of procedures (based on the targeted component to be removed or collected), indications (therapeutic vs. donation), and personnel (operators, management, and medical oversight). Apheresis Medicine has made tremendous progress and has revolutionized the blood bank globally. MCC started apheresis in 2014 and now has full-fledged aphaeresis centre performing procedures on regular basis.

2.0 Objective of the Fellowship program

1. Gain deep knowledge in the subject, both practical and theoretical aspects
2. Learn fundamentals of apheresis and the various application of apheresis
3. Orientation toward Clinical Transfusion Practice
4. To actively take part in research activities of the department
5. To learn interpersonal communication skills and communication skill towards donors, patients and their relatives.

3.0 Eligibility Criteria

- **M.D. Transfusion Medicine/DNB Transfusion Medicine/M.D. Pathology/ DNB Pathology / DCP in Clinical Pathology**
- **Candidate should have valid MCI registration certificate**
- **Candidates should not cross 35 years on 1st June 2018**

4.0 Submission of Applications

The applications should be submitted ONLINE through our website www.mcc.kerala.gov.in.

5.0 Application Fee

2,000/- (Rupees Two Thousand Only). The amount may be transferred to the following account by RTGS/NEFT and the reference number should be specified in the online application.

Account Number : 1154104000017958
Bank and Branch : IDBI, Thalassery Branch
IFSC Code : IBKL0001154

6.0 Important Dates

Last date of Application : 30th June 2018
Provisional date for written test/ interview: 07th July 2018
Announcement of results : 09th July 2018
Date of starting the course : 16th July 2018

7.0 Educational Curriculum

Number of Fellowship positions: 2 per year

Fellowship duration: 1 year

Commencement of course: Course will be starting in July every year

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Fundamental Components of the Fellowship

1. Laboratory:

This would involve rotation in the various sections –

- Donor apheresis, Therapeutic apheresis, Cryopreservation of Stem cells, HLA Lab, Flow cytometry Lab, Microbiology

- Reporting on laboratory tests performed
- Maintaining all tests/ activities / processes and records as per Drug control and NABH requirements.

2. Clinical:

The post holder would be expected to perform daily clinical rounds, interact with clinical colleagues regarding blood transfusion needs for patients, suspected transfusion reactions and safe transfusion practices, and responds to queries on these issues. Targeted apheresis component therapy for hemo-oncology patients, BMT patients and patients with suspected transfusion reactions.

3. Management responsibilities:

The post holder would be expected to write / help other laboratory staff to write standard operating procedures, drafting policy documents, carrying out external Quality control, hemovigilance and timely audit.,

Participation in equipment calibration, maintenance, and quality control activities and assessments undertaken by Drug Controller and the NABH is also expected.

Academic responsibilities:

1. Journal Clubs and Seminars: The post holder would be expected to attend / present seminars and findings from recent scientific publications, in departmental and allied speciality meetings.

Candidate should actively participate in the daily academic activity of the department/institution without any fail.

2. Audit and Research: The post holder would be expected to be involved in laboratory work, present papers in scientific conferences, and write articles for publication in indexed journals.

3. Teaching: The post holder would be expected to teach clinical, laboratory, and nursing staff, as and when required.

The learning process will be facilitated by;

- 1) Clinical expertise gained by working alongside experienced faculty
- 2) Participation in daily Multi-speciality tumor boards.
- 3) Teaching sessions, which would include inter disciplinary seminars, Journal clubs, and case presentation.
- 4) Project work in the form of at least two publication in any transfusion medicine/hematology/oncology journal
- 5) Lectures by experts in the field of basic sciences, tumor registry, molecular biology & cancer genetics.

Fee structure

Fees of **Rs. 30,000/-** per annum will be levied and out of which **Rs. 10,000/-** will be the refundable caution deposit. For sponsored candidates and candidates from other countries the institution may decide on the fee structure as appropriate.

Stipend: Stipend of **Rs. 47,000/- per month** will be disbursed for non-sponsored candidates.

Leaves: Candidates will be eligible for 12 days leave during the program. Not more than 5 days of leave will be granted in on go. Candidates who avail for more than 12 days of leave will have extension for those additional days of leave.

Accommodation: For lady candidates, shared room accommodation may be provided subject to availability. For gentleman candidates, accommodation is their personal responsibility.

Selection process: The selection will be based on Written Test/Personal interview.