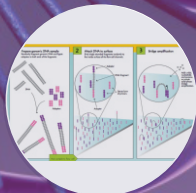
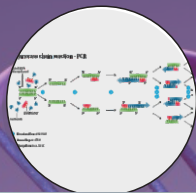
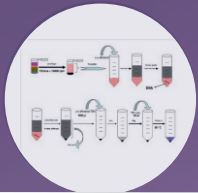


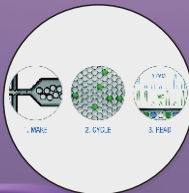
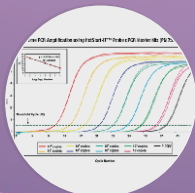
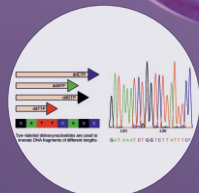
# VELLORE HAEMATOLOGY FORUM MOLECULAR HAEMATO-ONCOLOGY GROUP



## 7<sup>TH</sup> BASIC COURSE IN MOLECULAR DIAGNOSTICS

31<sup>st</sup> July - 12<sup>th</sup> August 2023

DEPARTMENTS OF HAEMATOLOGY & PATHOLOGY



## HANDS ON WORKSHOP ON MOLECULAR TECHNIQUES

### BACKGROUND

With rapid growth in molecular techniques, its scope of application is widening in medicine. Increased application of molecular diagnostics in clinical services has seen a sudden spurt of molecular labs in our country. However, this has highlighted an acute shortage of trained laboratory personnel and to address this issue, we have initiated a program to train individuals who are likely to take up this challenge or who are already involved in molecular work.

### ABOUT THE COURSE

This workshop will focus mainly on practical sessions in nucleic acid extraction from blood and paraffin embedded tissues, PCR, Electrophoresis, Mutation detection techniques, cDNA synthesis, Real-time PCR, Methylation PCR, Fluorescent PCR and DNA sequencing. The participants will be exposed to several molecular assays in diagnosis and prognosis of hematological disorders (eg., thalassemia, leukemia) and solid tumors (eg., lung adenocarcinomas, gliomas). This course will also cover basic concepts and techniques, standardization of tests and quality control in molecular diagnostics through a series of lectures delivered by both internal and external faculty.

### ELIGIBILITY

Persons with a MD/Ph.D working in an academic/ research institution or in a private laboratory or M.Sc with laboratory experience. Only Indian nationals can apply. The applications will be shortlisted and selected candidates will be requested to register. The registration fee will include accommodation, local travel and food (except dinner).

### DATE AND VENUE

The seventh basic course will be organized from 31<sup>st</sup> July to 12<sup>th</sup> August 2023 at the Department of Haematology, Christian Medical College Vellore Ranipet Campus

### IMPORTANT DATES

Only online application will be accepted. Online application can be accessed on our website (<http://www.moleculardiagnosticcourse.net>) from 1<sup>st</sup> May 2023. The last date for receiving application is **15th June 2023**. Intimation of selection: **25th June 2023**).

### CONTACT DETAILS

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