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 (e.g., thalassemia, leukemia) and solid tumors (e.g., 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 fifth basic course will be organized from 19th to 31st August 2019 at the department of Haematology, Christian Medical College, Vellore.

IMPORTANT DATES
Only online application will be accepted. Online application can be accessed in the website (http://www.moleculardiagnosticcourse.net) from 1st May 2019. The last date for receiving application is 30th May 2019. Intimation of selection: 15th June 2019

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VELLORE HAEMATOLOGY FORUM
MOLECULAR HAEMATO-ONCOLOGY GROUP

5TH BASIC COURSE IN MOLECULAR DIAGNOSTICS

19th - 31st August 2019

DEPARTMENT OF
HAEMATOLOGY & PATHOLOGY