



Hospital & Research Institute

Chettinad Academy

of Research and Education

(Deemed to be University)

Department of Biochemistry

Cordially invite you to Workshop on

**MOLECULAR TECHNIQUES IN
DIAGNOSIS & RESEARCH**

Date : 27th & 28th June, 2019

Time : 8.30 am - 4.00 pm

Venue: Dept. of Biochemistry,
College Block.

ONLINE REGISTRATION

www.chettinadhealthcity.com/conference

Workshop Details

- Training Program is for 2 days
- Only Limited Participants
- First come first serve basis

Eligibility:

- MD Pre and Para clinical
- M.Sc Medical(Biochemistry, Microbiology)
- M.Sc Biotechnology
- B.Sc Biotechnology, Genetics

Registration fee:

Rs. 1,500/- (The fee includes workshop materials, Lunch and Tea)
SPOT REGISTRATION RS.2000/-

Register Online: <http://chettinadhealthcity.com/conference>

List of the Participants will be communicated through the registered email and the same will be updated on website by 25th June, 2019

Registration fees MUST BE PAID THROUGH ONLINE NEFT only.

Details are as follows : A/C NO: 20751450000028

IFSC Code : HDFC 0002075

Net Banking : HDFC BANK, KELAMBAKKAM BRANCH.

Beneficiary name : Chettinad Hospital & Research Institute

Name of the account holder from which the funds are being transferred must also be clearly mentioned

For registration related queries contact

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Mr. Vinoda Kumar HR : +91-78992 71335

Last date for online Registration : 22nd June 2019

Organizing Secretary

Dr. Sumathy S

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www.chettinadhealthcity.com/conference

Programme Schedule
Molecular Techniques in Diagnosis and Research
Day - 1

TIME	PROGRAMME
08.00 - 08.30 am	Participants registration
08.30 - 08.45 am	Inauguration
08.45 - 09.00 am	Pre test
09.00 - 09.45 am	Blood Genomic DNA extraction - Theory & Basics
09.45 - 10. 00 am	Tea break
10. 00 - 12.00 noon	Extraction of blood Genomic DNA by spin column method
12.00 - 12.30 noon	DNA quantification and checking its Purity
12.30 - 01. 00 pm	Lunch
01.00 - 02 . 15 pm	PCR, Primer designing
02 .15 - 02. 35 pm	Tea break
02. 35 - 03. 35 pm	PCR -Theory & Basics
03.35 - 04. 00 pm	Discussion

Programme Schedule
Molecular Techniques in Diagnosis and Research
Day - 2

TIME	PROGRAMME
08.30 - 09.30 am	PCR preparation procedure
09.30 - 11.30 am	Amplification of Gene of Interest by PCR
11.30 - 11.45 am	Tea break
11.45 - 12.30 am	Submarine gel Electrophoresis - Theory & Basics
12.30 - 01.00 noon	Lunch
01.00 - 03.00 noon	Separation of PCR product by Submarine gel Electrophoresis
12.00 - 12.30 noon	DNA quantification and checking its Purity
12.30 - 01.00 pm	Lunch
03.00 - 03.30 pm	Analysis of Gel and documentation
03.30 - 03.45 pm	Post test & Feedback
03.45 - 04.00 pm	Vote of thanks and certificate distribution