

FACULTY DEVELOPMENT PROGRAM

Seven Days Hands-on-Workshop

on

“HPLC, PCR, Gel-Doc & Spectrometry”

11 May - 17 May 2019

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CytoGene, Lucknow



CYTOGENE RESEARCH & DEVELOPMENT

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www.cytogene

1. The concept behind:

This workshop designed to give participants a combination of lectures and hands on laboratory experience using various techniques. Delegate will gain experience using High Performance Liquid Chromatography (HPLC) to enable users to separate, identify and quantify chemicals as well as molecules in a mixture by Individual handling. The Hands-on exposure of PCR will add clear concept in mind about working of the instruments and steps involved in DNA Isolation, Quantification, Setting of PCR and analysis of the results. The visualization and analysis of data on Gel-Doc gives more accuracy than the traditional method. Spectrometry itself is a wide range of techniques. Experimental exposure will help to understand the characteristics of chemicals and Analysis of Spectra.

2. Objectives of the Workshop:

The workshop aims at exposure of faculty member / researchers to basics of instruments, its working & application. It will provide teachers a platform to learn Techniques / software commonly used in HPLC to get a better insight into biological analysis of DNA and protein, carbohydrates and other biomolecules. It will also deal with sophisticated instrumentation process of HPLC, PCR, Gel-Doc and Spectrometry.

The broad objectives of the workshop are:

- a) To aware faculty members by state art of lectures*
- b) To facilitate High end equipment*
- c) To demonstrate and Hans-on exposure of the instruments*
- d) To explain, design and methodologies for techniques*
- e) To Enable Teacher / scholars to improve their experimental knowledge, and make their findings conspicuous*

3. About the Hosting Institution:

CytoGene Research & Development, Lucknow is an autonomous Registered organization by Ministry of corporate affairs, Government of India under section 12(1) of LLP Act 2008 & Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2008. It facilitates Testing & Training services in various domains of Life Sciences. In the year 2011 CytoGene has officially comes to an existence with its Division of Microbiology followed by the establishment Biotechnology, Molecular Biology, Biochemistry, Food Technology, Immunology, Recombinant DNA Technology and Bioinformatics. Recently CytoGene has extended services in core testing services with establishment of fully equipped Laboratories.

4. Who Should Participate?

Faculty Member / Teacher from any Institution

PhD Student / Research Scholars

Post-Graduate Students

5. Registration Fee:

Till 15 Apr- Rs. 2500/- per candidate

Till 25 Apr- Rs. 3000/- per candidate

Till 05 May- Rs. 3500/- per candidate

6. How to register:

Online:

- Visit to www.cytogene.in*
- Click on Register Now*
- Sign up With Name, Mob no & DOB*
- Login and fill the Workshop Form*
- Click on Online Fee*
- Proceed for Payment by Credit/Debit/Paytm card.*

Offline:

Download from news & event of www.cytogene.in and fill the form

Fee payment: Deposit/Transfer to our Current A/C:

CytoGene Research & Development LLP

Union Bank of India

522601010036489

UBIN0552267

Indira Nagar, Lucknow

Send the duly filled registration form and payment slip by:

Email to cytogenernd@gmail.com

Whatsapp to 77-0309-2222

7. Important Dates:

Date of Notification: **31st January 2019**

Start of registration: **01st February 2019**

Last date of Registration (Without late fee): **15th April 2019**

Last date of Registration (With late fee): **25th April 2019**

Date of Commencement of the workshop: **05th May 2019**

8. Maximum No of Seat: 20

9. Contact person:

Er. Sujeet Kumar Singh (Director)

CytoGene Research & Development, Lucknow

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