



Recent Advances in Molecular Diagnostics

Hands-on Workshop for Laboratory Medicine Practitioners

Date: 09 – 19 Dec, 2019

Venue: Biomedical Genomics Unit, NIBMG, Kolkata

Course Coordinator: Saroj Kant Mohapatra, MD

Course Instructors: Faculty Members of NIBMG

Hands-on workshop has been organized by the National Institute of Biomedical Genomics (NIBMG), Kalyani to introduce clinicians to recent advances in molecular diagnostics. Workshop includes lectures by faculty members of NIBMG on modern biological methods in diagnosis of diseases. The workshop is open to the clinicians (preferably MD in Biochemistry, Microbiology and Pathology).

Format of the workshop includes lectures and hands-on sessions, guiding the participants from basic methods to advanced techniques. The topics include:

Nucleic acid isolation

PCR-RFLP

Real-time PCR

Sanger Sequencing

Polymerase Chain Reaction (PCR)

Multiplex PCR

ELISA

Next-Generation Sequencing (NGS)

Participation in the workshop is expected to empower the clinicians to apply the techniques in their clinical setting.

Due to constraints of space, only 12 participants will be selected in the first workshop. To apply, send an email to: **skm1@nibmg.ac.in** with the following information by **November 25, 2019** and with a Subject line of **“Application for Diagnostic Workshop-2019”**

- Name
- Qualification (with documentary evidence)
- Current position (Government teaching hospital / Other)
- Previous research experience (if any)
- How this training will help in improvement of medical diagnostic services at your work place (not exceeding 200 words)
- Letter of permission from the head of the Department / Institution