



Molecular Techniques in Clinical Microbiology

7 - 8 MARCH 2009



ORGANIZED BY

**Department of Microbiology
Sanjay Gandhi Postgraduate Institute of Medical Science
Raebareli Road, Lucknow.226014.**

Looking forward

Dear Colleagues,

Molecular techniques play important role in the diagnosis of infectious diseases. In fact today, many infectious agents, especially the non-cultivable, slow growing and difficult to grow organisms are diagnosed based on molecular methods. However, most of the clinical microbiology laboratories in India are yet to introduce these techniques either because of lack of trained manpower or infrastructure or both. Keeping in view the present day need, the Department of Microbiology, Sanjay Gandhi Post Graduate Institute of Medical Sciences decided to organize a CME-Cum-Workshop on “**Molecular Techniques in Clinical Microbiology**” Experts in the field will be enlightening the event, which will provide an immense opportunity for young scientists and medical microbiologists to interact with the experts in order to update the knowledge in the field.

Guest lectures, discussions and demonstrations will cover the different molecular methods like: PCR and RT-PCR, Real Time PCR, SSCP analysis, Restriction Fragment Length Polymorphism (RFLP), Southern and Western blotting etc.

Lucknow the “Golden city of the East” retains an Old World charm that fascinates one and all. Regarded as one of the finest cities of India, Lucknow emanates a culture that combines emotional warmth, high degree of sophistication and courtesy, Lucknow also known as “City of Nawabs” is a historical tourist place known for its cultural heritage, Bara & Chhota Imambara, Residency, Ambedkar Park, beautiful gardens that add to its beauty. It is a shoppers’ paradise too, well known for its chikan work. We are making all our efforts to set a new trend for this meeting and enrich ourselves with the molecular techniques in order to deliver better patient care.

We look forward to welcome you to the “City of Adaab” in March 2009.

Prof. K.N. Prasad
Organizing Secretary
Department of Microbiology
Sanjay Gandhi Postgraduate Institute of Medical of Sciences
Lucknow- 226014

INVITATION:

MOLECULAR TECHNIQUES IN CLINICAL MICROBIOLOGY

Dear participants,

It is matter of immense pleasure to invite you to CME cum Workshop on “**Molecular Techniques in Clinical Microbiology**” to be held on 7 & 8th March, 2009.

Molecular techniques have various applications in the Clinical Microbiology including areas of patient care and research. These techniques are rapid, highly sensitive and specific. In many cases where traditional phenotypic methods of microbial identification and typing are insufficient or time consuming, molecular techniques can provide rapid and accurate diagnosis. A large number of microbiologists are resorting to these diagnostic methods without proper knowledge and training. Initiating these techniques in laboratory requires the understanding and standardization of the techniques as well as proper training. The CME cum workshop on “**Molecular Techniques in Clinical Microbiology**” has been planned with

the aim to disseminate the existing knowledge and to provide hands-on training to Microbiologists and Research students in various molecular techniques being pursued in the field of infectious diseases. Broadly the following areas will be covered.

- Extraction of genomic DNA and RNA from various specimens (blood, sputum, pus, serum, tissue etc.) infected with bacterial, viral, parasitic and fungal agents.
- PCR and RT-PCR
- Agarose Gel electrophoresis
- Real Time PCR
- SSCP analysis
- Southern and Western blotting.
- Restriction Fragment Length Polymorphism (RFLP).

It is expected that the 2 days deliberations and workshop will provide participants an opportunity to expand knowledge and establish molecular diagnostic facilities in order to provide better evidence based management to the patients.

Registration fee: Rs. 1000/-

Accommodation: Rs. 250/- per day per participant (on sharing basis)

Last date of Registration: Jan 31st, 2009.

Interested candidates are requested to send the registration forms duly filled with bank draft of Rs. 1000/- (registration fee Rs. 1000/- plus accommodation charges) in favor of **“Update in Clinical Microbiology”** payable at Lucknow. The number of participants will be limited on first come basis. The last date for receipt of application of candidates is **31st January 2009**. Further details will be communicated to all selected participants in due course. Accommodation will be provided at SGPGI Guest House/VIP-PRA in double rooms on sharing basis.

Details are also available on SGPGI website: www.sgpgi.ac.in

REGISTRATION FORM
Molecular Techniques in Clinical Microbiology
7-8 March 2009

Name : _____

Associate delegate : _____

Affiliation : _____

Address : _____

Tel. : (Off.) _____ (Resi.) _____

Fax : _____ **Email :** _____

Accommodation required : Yes No

Amount (Rs.) : _____
(including accommodation)

Demand Draft No. : _____ **Rs.** _____

in favor of "Molecular Techniques in Clinical Microbiology" payable at Lucknow.

Signature : _____

Date : _____

Organizing Committee

Patrons

Prof AK Mahapatra, Director
Prof Sita Naik, Dean

Chairman

Prof. T.N. Dhole,
Head, Department of Microbiology
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