

**ICMR Sponsored**  
**Seventh National Workshop on**  
**“Basic Techniques in Molecular Biology & Bio-informatics in Pharmacogenomics”**

*16-21 August, 2010*

*Venue*

**Pharmacogenomics Laboratory**  
**JIPMER, Puducherry**

*Last date for receipt of registration form: 24.06.2010*

*Organized by*

**ICMR Centre for Advance**  
**Research in Pharmacogenomics**  
**Department of Pharmacology, JIPMER**  
**Puducherry**

*Joint Organisers*

**Vector Control Research Centre, Puducherry**  
**&**  
**Pondicherry University**

**E-mail: jipgene2010@gmail.com**

**Objectives**

- \* To provide training in basic molecular biology techniques required in pharmacogenetic studies
- \* To impart web-based training in basic concepts of bio-informatics
- \* To impart theoretical knowledge on some of the recently developed molecular biology tools
- \* To create a knowledge base of elementary medical genetics towards carrying out pharmacogenetic and related research.

**Target participants**

This workshop is intended for *beginners in molecular biology and bio-informatics*, with a focus on 'Pharmacogenomics'. A total of 30 participants will be admitted, preferably **young/middle aged faculty members** and post-graduate students of pharmacology.

**Course content**

- 📖 The duration of the workshop is 6 days and will include **practical demonstrations** and **hands-on training** in molecular biology techniques such as DNA and RNA extraction, quality check and quantification of DNA and RNA, the polymerase chain reaction - restriction fragment length polymorphism (PCR-RFLP), gel electrophoresis: horizontal and vertical. Demonstrations of Real time-PCR and DNA sequencer.
- 📖 **Bioinformatics** will include locating the gene sequence of interest, identification of the PCR product, primer design, and selection of the restriction endonucleases.
- 📖 **Lectures** will be held on the elements of medical genetics, Real time PCR, DNA sequencing, high throughput screening for detection of mutations, introduction to haplo analysis etc.

**Workshop Fee**

- ✦ The registration fee for the workshop is Rs. 2000/-.
- ✦ Food: Breakfast, Working lunch and tea & snacks will be provided during the workshop. Participants will have to make their own arrangement for dinner at their cost.
- ✦ Accommodation (Non-AC) will be provided (for 6 days from 15<sup>th</sup> August 2010 AN). *No claim for any specific type of accommodation or hotel bill (e.g. telephone, laundry etc) will be allowed.*

Registration Form

Date:

Name: . . . . . Age: . . . . . Sex: . . . . .

Qualification: . . . . . Designation: . . . . .

Department: . . . . . Institute: . . . . .

Address for correspondence: . . . . .

Telephone: . . . . . Mobile No: . . . . .

E-mail: . . . . .

Distance between institution and Puducherry by road/rail . . . . Kms.

Reason for your interest in this workshop: . . . . .

How will it benefit your dept./institution?

Proposed plan of present/future work in pharmacogenomics.

Previous experience in molecular biology: Yes  No

If yes, please specify techniques familiar with (Theory and practical):

Enclosed DD No. .... dated ..... for Rs. 2000/- payable to **Accounts Officer, JIPMER at Puducherry.**

*Signature of applicant*

*Recommendation of HOD/Head of Institution*

*Place:*

*Date:*

The duly-filled registration form may be addressed to:

Dr. C. Adithan  
Organizing Secretary,  
ICMR sponsored National Workshop  
on Pharmacogenomics,  
Department of Pharmacology,  
JIPMER, Puducherry - 605006.  
Tel: 0413 - 2272380 - 9 (10 lines) Ext. 3300.  
Fax: 0413 - 2272067  
E-mail: jipgene2010@gmail.com

**Applications must reach on or before 24.06.2010.  
Incomplete registration forms will not be considered.**

