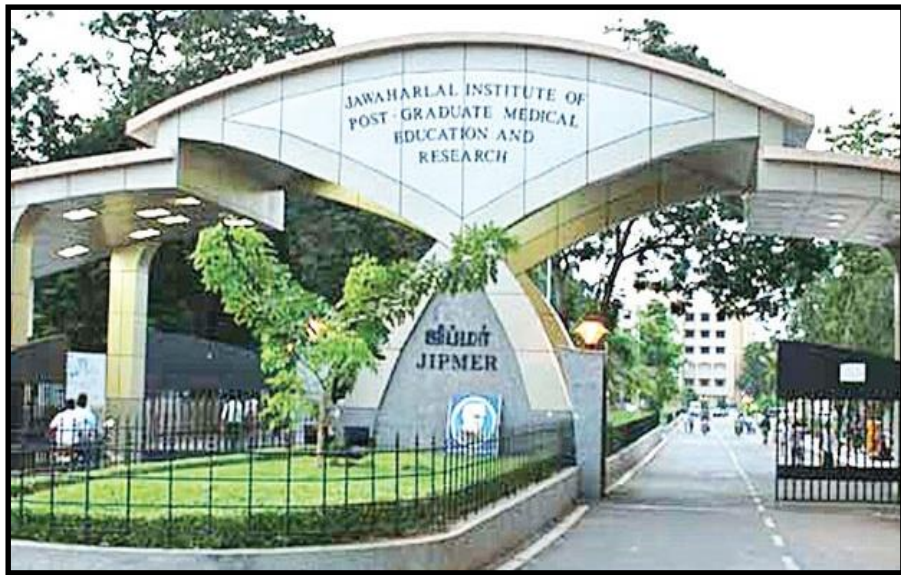


**JAWAHARLAL INSTITUTE OF  
POSTGRADUATE MEDICAL  
EDUCATION & RESEARCH  
PUDUCHERRY**



**PHARMACOGENETIC  
WORKSHOPS 1 & 2**

**BROCHURES**



# WORKSHOP NO: 1

---

## **FIRST NATIONAL WORKSHOP ON RESEARCH METHODOLOGY IN PHARMACOGENETICS**

- *Interested participants may choose the workshop that they want to participate.*
- *Registration for Workshop 1 and Workshop 2 are to be made separately as given in each brochure.*
- *Participants can register for either one or both workshops as per their requirement.*

# FIRST NATIONAL WORKSHOP ON RESEARCH METHODOLOGY IN PHARMACOGENETICS

JOINTLY ORGANIZED BY  
DEPARTMENTS OF PHARMACOLOGY &  
MEDICAL INFORMATICS & BIostatISTICS, JIPMER

22 - 23 October 2018



Venue

NTTC Seminar Hall, JIPMER Academic Centre,  
JIPMER, Puducherry



# FIRST NATIONAL WORKSHOP ON RESEARCH METHODOLOGY IN PHARMACOGENETICS

## WELCOME

---

Dear Sir / Madam,

We cordially invite you to participate in the First National Workshop on Research Methodology in Pharmacogenetics, to be held on 22 – 23 October 2018, jointly organised by Departments of Pharmacology, and Medical Informatics & Biostatistics, JIPMER.

The field of genomics has made some rapid strides in the past few decades. Genomics based therapy is extensively studied throughout the world for several diseases and genomics based treatment guidelines have been developed for drugs such as trastuzumab, abacavir, warfarin, etc. There is a need and a growing interest among medical professionals to do pharmacogenetic research.

Department of Pharmacology, JIPMER has produced several significant research contributions to pharmacogenomics for more than a decade. Further, 13 national workshops on techniques in pharmacogenetics have also been conducted till date. Though basic knowledge and skills in genetic research are acquired by means of workshops, research output is limited due to lack of training or experience in research methodology pertaining to genetics. This workshop has been organized to impart training on how to write a good pharmacogenetic research proposal, funding opportunities and start a pharmacogenetic research project.

The number of participants is limited up to 40. We request you to send your registration at the earliest.

Looking forward to your participation.

# Workshop Organization

## **Organising Chairman**

Dr. R. Raveendran  
Sr. Professor & Head  
Dept of Pharmacology  
JIPMER

## **Organising Co-Chairman**

Dr. Sreekumaran Nair  
Professor & Head  
Dept of Biostatistics  
JIPMER

## **Organising Secretary**

Dr. A. Surendiran  
Associate Professor  
Dept of Pharmacology  
JIPMER

---

## Workshop Outline

The workshop will consist of interactive lectures and group exercises on various topics related to pharmacogenetic research methodologies. The topics that will be covered include

- Basic concepts in pharmacogenetics & pharmacogenomics
- Choosing a good research question / topic in pharmacogenetics
- Exercises on framing of title, hypothesis, and objectives
- Choosing appropriate study designs with group exercises
- Choosing appropriate methods & techniques for genomic study.
- Sample size calculation for studies involving genetic polymorphisms for various study designs
- Statistical analysis of data for pharmacogenetic studies. However, this workshop will not cover GWAS study data analysis.
- Funding opportunities and how to be successful in getting grants for pharmacogenetic research projects
- How to setup a pharmacogenetic research laboratory from the scratch?

# FIRST NATIONAL WORKSHOP ON RESEARCH METHODOLOGY IN PHARMACOGENETICS

## Registration, Accommodation & Food

---

The registration form must be duly filled, signed and a scanned copy must be sent by email to [surenmbbs@gmail.com](mailto:surenmbbs@gmail.com). Payment should NOT be made at the time of submission of registration form. Applicants will be contacted by reply email for confirmation of selection and only those who are selected will be provided details for online payment of registration fees.

### **Selection Method:**

Total number of participants is kept at a maximum of 40, out of which 20 are for faculty and 20 are for postgraduate students and research scholars. In each category selection will be made on a first come first serve basis. Selected participants will be informed via email regarding payment details and registration fee must be paid within 72 hours through online transfer, failing which the next candidate in the waiting list will be given the opportunity. *Registration under student category must include submission of a scanned copy of a certified letter from the head of department of parent institute.*

### **Registration Fees:**

1. Early Bird Student (till 21.09.2018) - Rs. 3000
2. Early Bird Faculty (till 21.09.2018) - Rs. 3500
3. Late Registration Student (till 15.10.2018) – Rs. 3500
4. Late Registration Faculty (till 15.10.2018) – Rs. 4000

***Registration closes by 16.10.2018***

**Accommodation & Food:** Participants must make own arrangements for accommodation and travel. Lunch and snacks will be provided in the venue on both days.

# FIRST NATIONAL WORKSHOP ON RESEARCH METHODOLOGY IN PHARMACOGENETICS

Name:

Age:

Gender:

Designation:

Qualification:

Affiliation & Official Address:

---

Mobile Number:

Email ID:

Corresponding Address:

Category: Student / Faculty

Briefly state reason for interest in this workshop:

Briefly state your expectations from this workshop:

Signature:

Date:

Best wishes. Looking forward  
to meet you.

---



# WORKSHOP NO: 2

---

## **14<sup>TH</sup> NATIONAL WORKSHOP ON PHARMACOGENOMICS AND BIOINFORMATICS**

- *Interested participants may choose the workshop that they want to participate.*
- *Registration for Workshop 1 and Workshop 2 are to be made separately as given in each brochure.*
- *Participants can register for either one or both workshops as per their requirement.*

# 14<sup>TH</sup> NATIONAL WORKSHOP ON PHARMACOGENOMICS AND BIOINFORMATICS

Jointly organized by Departments of Pharmacology &  
Clinical Pharmacology, JIPMER

24<sup>th</sup> - 27<sup>th</sup> October 2018



Venue

Department of Pharmacology, III Floor, Institute Block,  
JIPMER, Puducherry



# Welcome

Dear Sir / Madam,

We cordially invite you to participate in the 14<sup>th</sup> National Workshop on Pharmacogenomics and bioinformatics, to be held from 24<sup>th</sup> to 27<sup>th</sup> October, 2018 at Department of Pharmacology, JIPMER.

In India, a few research centres and Institutions work on pharmacogenomics and produce data that are relevant to Indian population. The Department of Pharmacology, JIPMER has conducted and produced several significant research contributions to pharmacogenomics for more than a decade. Further, this workshop which has been conducted annually for the past 13 years, has met with great response every year. In continuation with this effort, we are organizing the 14<sup>th</sup> National Workshop on Pharmacogenomics and bioinformatics at JIPMER.

Since the number of participants is limited up to 25, we request you to send your registration at the earliest.

Looking forward to your participation.

## Organizing Committee

### Organising Chairman

Dr. R.Raveendran  
Sr.Professor & HOD  
Dept of Pharmacology  
JIPMER

### Organising Secretary

Dr. R.Priyadharsini  
Assistant Professor  
Dept of Pharmacology  
JIPMER

## Workshop Outline

The workshop aims to provide basic knowledge and hands on experience in pharmacogenomics. The workshop includes techniques of DNA extraction using phenol chloroform method and kit based method and genotyping for a single nucleotide polymorphism using quantitative real time PCR. This may complement as phenotyping method for a study which analyses genotype of drug metabolising enzymes or drug transporters. Basics of bioinformatics will be covered in this workshop with hands on exercise in relation to pharmacogenomics. In addition, lectures on Hardy Weinberg equilibrium, applications of clinical pharmacogenetics and bioinformatics will also be covered.

# Registration

The registration form must be duly filled, signed and a scanned copy must be send by email to [pgx2018jipmer@gmail.com](mailto:pgx2018jipmer@gmail.com). Payment should not be made at the time of submission of registration form. Details for making payment will be communicated to you along with the email confirming your participation.

**REGISTRATION UNDER STUDENT CATEGORY MUST INCLUDE SUBMISSION OF A SCANNED COPY OF A CERTIFIED LETTER FROM THE HEAD OF DEPARTMENT OF PARENT INSTITUTE.**

## Registration Fees:

1. Early Bird Student (till 28.09.2018) - Rs. 6000
2. Early Bird Faculty (till 28.09.2018) - Rs. 7000
3. Late Registration Student (till 10.10.2018) – Rs. 7000
4. Late Registration Faculty (till 10.10.2018) – Rs. 8000

**Registration closes at 4.30 p.m. on 10.10.2018.**

## Accommodation & food

Participants must make own arrangements for accommodation and travel. Breakfast, snacks and lunch will be provided by the organizing committee on all workshop days

## Contact Information

### General Information

Dr. R.Priyadharsini ,  
[shalipriya85@gmail.com](mailto:shalipriya85@gmail.com)  
9943491252

### Registration Query

Dr. Kiruthika .S  
[drkiruthikasivagourou@gmail.com](mailto:drkiruthikasivagourou@gmail.com)  
7904310614

Dr. Rekha Priyadarshini  
[Rekha.19dr@gmail.com](mailto:Rekha.19dr@gmail.com)  
8220190829

# 14<sup>th</sup> National Workshop on Pharmacogenomics and Bioinformatics

## REGISTRATION FORM

---

Name :

Age :

Gender :

Designation :

Qualification :

Affiliation & Official address :

Mobile number:

Email id:

Corresponding address:

Category : Student / Faculty

Briefly state reason for interest in this workshop :

Briefly state your expectations from this workshop :

Signature :

Date :

**Best wishes. Looking forward  
to meet you.**

---