

## Registration Form

FOR SYMPOSIUM & HANDS-ON-WORKSHOP  
Last date : 15<sup>th</sup> July 2013

Name \_\_\_\_\_

Delegation - for symposium   
for workshop and symposium

Address \_\_\_\_\_  
\_\_\_\_\_

Pin Code \_\_\_\_\_ Phone \_\_\_\_\_

Cell No. \_\_\_\_\_

E-mail \_\_\_\_\_

I am enclosing herewith a Cash/ DD No. \_\_\_\_\_

for Rs. \_\_\_\_\_ drawn on \_\_\_\_\_

bank in favour of Dean, Medical College, Raipur

- Send M.Sc. prev./MBBS marksheet along with this form if applying for Hands-on-workshop. (Limited for Ten candidates only)
- Combined D.D. will be acceptable for multiple candidates of an institute.

✂ (Please cut here) ✂

### Registration

For **SYMPOSIUM**

On or before 15th July, 2013 : **Rs. 300/-**

Spot Registration : **Rs. 400/-**

For **Hands-on-workshop**

including symposium fees : **Rs. 1500/-**

**Eligibility :** For Symposium-Under/Post graduate students (MBBS/MD/MS/faculties/Practitioners/ResearchScholars/PG students of Biotechnology/ Life Science/ Allied discipline)

Selection of Ten students of MBBS/MD/Biotechnology or allied discipline preferably final year PG students for Hands-on-workshop made by the organising committee will be final.

**For those not selected for the workshop, fees will be refunded deducting the registration fees for symposium.**

## Organising Committee

### • PATRON-IN-CHIEF

**Shri Amar Agrawal**

Hon'ble Health Minister, Govt. of Chhattisgarh

### • PATRONS

**Dr. S.K. Mukherjee**

Director, Medical Education Chhattisgarh, Raipur

**Dr. A.K. Sharma**

Dean, Pt. J.N.M. Medical College, Raipur

**Dr. Vivek Choudhary**

Joint Director cum Superintendent, Dr. B.R.A.M. Hospital, Raipur

### • ORGANISING CHAIRMAN

**Dr. P.K. Patra**

Course Incharge, M.Sc. Medical Biotechnology Course  
Professor & Head, Dept. of Biochemistry

### • ORGANISING SECRETARY & TREASURER

**Dr. P.K. Khodiar**

Asso. Prof., Dept. of Biochemistry

### • LOCAL ARRANGEMENT

**Dr. Manik Chatterjee**

Professor, Dept. of Anatomy

### • SCIENTIFIC SESSION & AUDITORIUM MANAGEMENT INCHARGE

**Dr. Arvind Neral**

Head of Dept., Microbiology

### • WORKSHOP & PRINTING INCHARGE

**Ms. Sheikh Hasina**

Demonstrator, Dept. of Biochemistry



A

Symposium

on

Role of  
Bio-informatics in Medicine

25<sup>th</sup> July 2013

&

Hands-on-workshop

on

Microarray & Real Time PCR

From 26<sup>th</sup> -31<sup>st</sup> July 2013



Organised by:

Centre for Genetic Disease & Molecular Biology

Department of Biochemistry

Pt. J.N.M. Medical College, Raipur (C.G.)

### Eminent Guest Speakers:

Prof. Indira Ghosh, JNU, Delhi  
Dr. Vinod Scaria, IGIB, Delhi  
Dr. T.R.Sharma, NRCBP, Delhi  
Dr. Aditya Mittal, IIT, Delhi  
Prof. R.Sankararamkrishnan, IIT, Kanpur  
Prof. Mukesh Doble, IIT, Madras  
Dr. Dhananjay Bhattacharyya, SINP, Kolkata  
Dr. Pradeep Kumar, P.I., IIT, Mumbai  
Dr. Chetan Gadgil, NCL, Pune  
Dr. H.A.Nagarajram, CDFD, Hyderabad

### PROGRAMME:

#### **25<sup>th</sup> July 2013 Venue-Medical College, Raipur**

8.00-10.00 a.m. : Registration & Breakfast  
9.00-10.30 a.m. : Scientific Session-I  
11.00-12.00 Noon : Inauguration  
12.00-12.30 p.m. : Tea Break  
12.30-1.45 p.m. : Scientific Session-II  
1.45-2.30 p.m. : Lunch  
2.00-4.00 p.m. : Scientific Session-III  
4.00-4.30 p.m. : Tea Break  
4.30-6.00 p.m. : Scientific Session-IV

#### **26<sup>th</sup> - 31<sup>st</sup> July 2013 (9.00 a.m. to 5 p.m.)**

Hands-on-workshop on **Microarray and Real Time PCR Techniques** in the Department of Biochemistry, Pt. J.N.M. Medical College, Raipur (C.G.)

### **OBJECTIVES:**

M.Sc. Medical Biotechnology course was started under self finance scheme by the Autonomous society, Pt. J.N.M. Medical College, Raipur with initial financial assistance from

CHiPS, Raipur on 25th July 2005.

We are organising one day symposium on "**Role of Bioinformatics in Medicine**" to commemorate the **8th Foundation Day** of the M.Sc. Medical Biotechnology course on **25th July 2013**. This will be followed by six day "**Hands-on-Workshop on Microarray & Real Time PCR Techniques**" from **26<sup>th</sup> to 31<sup>st</sup> July, 2013**.

After the completion of human genome project, the whole human genome is sequenced and lot of data is generated. Apart from this a large amount of individual level molecular data has come from the use of **GENE EXPRESSION MICROARRAY, PROTEOMICS AND DNA SEQUENCING**. Biology and medicine are rapidly emerging with the involvement of knowledge at molecular level. Bioinformatics is important in explaining things at the molecular level and also help to interpret the data generated at molecular studies. At this moment after the completion of human genome project we know nearly all targets for medicine. Getting the same information for a parasite will enable us to make better medicine against infections with fewer side effects.

The principal goal of Bioinformatics is to enhance the understanding of the Biological processes. In Molecular medicine, Bioinformatics helps in identifying essential molecular and genetic errors of disease and to develop molecular interventions to correct them. The human genome completion implies that, we can explore for the genes directly associated with different diseases and understanding the molecular mechanism of disease will help us to develop preventive test.

The workshop will be conducted on Microarray & Real Time PCR techniques. Microarray is a tool for gene expression studies. Real Time PCR is an advanced molecular technique having wide applications including mutation analysis and quantitative viral load

Affix  
Rs. 5.00  
Stamps

To,

**Dr. P. K. Khodiar**

Organising Secretary

Associate Professor

Department of Biochemistry

Pt. J.N.M. Medical College

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