

# DBT Course in Biotechnology

September 15<sup>th</sup> – September 30<sup>th</sup> 2015



Department of Medical Genetics,  
Sanjay Gandhi Post Graduate Institute of  
Medical Sciences,  
Raebareli Road, Lucknow (UP) -226014, India



मन्त्रालय लघुने  
Department of Biotechnology  
Ministry of Science & Technology  
Government of India



Genetics is evolving rapidly, and new advances are revolutionizing medicine and agriculture. The molecular techniques are the tools to understand mutations which are linked to many human diseases. This workshop is aimed at training and capacity building of researchers in advanced techniques in molecular genetics. During these 16 days the students would be exposed to both fundamentals of molecular genetics and recent advances.

## Hands on Training

- DNA extraction
- RNA extraction
- PCR amplification & Electrophoresis
- RFLP & Insertion / Deletion
- PAGE
- ARMS
- STR genotyping
- RT-PCR
- Paternity testing
- Protein Modeling
- Sequencing
- Lymphocyte separation and Cross match
- Molecular typing of HLA
- Chromosome culture
- FISH analysis
- Phylogenetic analysis
- Western blotting
- ELISA
- MLPA
- Bio-informatic software

**For further information and registration contact:**

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## Registration Form

<b>Name of the candidate:</b>					<b>Photo</b>
<b>Age / Sex:</b>					
<b>Martial status:</b>	Single/ Married				
<b>Father's/ Husband's Name:</b>					
<b>Date of Birth :</b>					
<b>Area of interest: (Kindly tick the area of your interest)</b>	<input type="checkbox"/> Molecular biology <input type="checkbox"/> Cell biology <input type="checkbox"/> HLA typing				
<b>Permanent / Correspondence Address:</b>  with Phone No. / Mobil No.					
			<b>E-mail :</b>		
<b>Academic Qualification :</b>					
<b>S. No.</b>	<b>Examination Pass / Degree</b>	<b>Year</b>	<b>Board / University</b>	<b>Division</b>	<b>Percentage of marks</b>

<b>Bank Draft Number :</b>		<b>Date:</b>	
<b>Name of issuing Bank :</b>			
<b>Amount Rs.:</b>	<b>(Signature of the candidate)</b>		

Registration Form along with a draft of Rs. 15,000/- only. The draft should be drawn in favor of "Short term training course on biotechnology" payable at State Bank of India, SGPGIMS, Lucknow. This amount includes your stay, breakfast, lunch and dinner for 15 days. We will consider the applications on first come first basis. In case of any questions you may contact me (**Mobile 09839604343**, time 9am to 5pm).