

**PROGRAM DETAILS FOR THE NATIONAL WORKSHOP ON
'ADVANCES AND CHALLENGES IN NEXT GENERATION SEQUENCING &
BIOINFORMATICS OF GENOME ANALYSIS'
28 - 30TH MARCH 2011**

DAY 01(28TH MARCH 2011)

INAUGURAL SESSION

9:15 AM	REGISTRATION	RECEPTION, NIPGR
9:45 AM	WELCOME ADDRESS	COORDINATOR, SUB-DIC
10:00 AM	GENETIC PLASTICITY IN CLINICAL ISOLATES OF M. TUBERCULOSIS AND ITS IMPLICATIONS	PROF. V. BRAHMACHARI, ACBR, UNIVERSITY OF DELHI
10:45 AM	HIGH TEA	

LECTURE SESSION - I

11:15 AM	EXPLORING MIRNA WORLD WITH NGS	DR. S. RAGHUVANSHI, UDSC
12:00	PYROSEQUENCING WITH ROCHE-454 GS FLX	DR. A. GUPTA, ROCHE DIAGNOSTICS INDIA PVT LTD
12:45	LUNCH	

LECTURE SESSION - II

13:45	NGS ANALYSIS	DR. R. SHARMA, IGIB
14:30	OPTIMIZATION OF DE NOVO TRANSCRIPTOME ASSEMBLY USING NGS DATA	DR. M. JAIN, NIPGR
15:15	ENABLING MEANINGFUL GENOME BIOLOGY USING ILLUMINA NGS TECHNOLOGY	DR. N. ALAM, PREMAS BIOTECH PVT LTD
16:00	VOTE OF THANKS	
16:10	TEA	

END OF DAY 01

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DAY 02 (29TH MARCH 2011)

MORNING SESSION

10:00 AM	BIOINFORMATICS OF GENOME ANALYSIS	DR. G. YADAV, NIPGR
11:00 AM	TEA	
11:30 AM	PRIMER ON 'GENOME ANNOTATION'	Ms. P.PRIYA
	TUTORIAL & DEMONSTRATIONS ON 'GENOME ANNOTATION'	Ms. P.PRIYA
13:30	LUNCH	

AFTERNOON SESSION

14:30 PM	PRIMER ON 'GENOME VISUALIZATION'	MR. S. CHANDRA
	TUTORIAL & DEMONSTRATIONS ON 'GENOME VISUALIZATION'	MR. S. CHANDRA
16:00 PM	TEA	
16:45 PM	TUTORIAL & DEMONSTRATIONS ON 'GENOME VISUALIZATION' (CONT.)	MR. S. CHANDRA

DAY 03 (30TH MARCH 2011)

MORNING SESSION

10:00 AM	NEXT GENERATION SEQUENCING AND ITS APPLICATIONS IN GENOMICS AND EPIGENOMICS	DR. D. CHATTOPADHYAY, NIPGR
11:00 AM	TEA	
11:30 AM	PRIMER ON 'GENOME COMPARISON'	MR. G. MISHRA
	TUTORIAL & DEMONSTRATIONS ON 'GENOME COMPARISON'	MR. G. MISHRA
13:30	LUNCH	

AFTERNOON SESSION

14:00 PM	PRIMER ON 'TRANSCRIPTOME ANALYSES'	Ms. S. KUMARI
	TUTORIAL & DEMONSTRATIONS ON 'TRANSCRIPTOME ANALYSES'	Ms. S. KUMARI
16:00 PM	TEA	

VALEDICTORY FUNCTION

16:10 PM	CERTIFICATE DISTRIBUTION	COORDINATOR, DISC, NIPGR
16:30 PM	CLOSING CEREMONY	