

<b>DAY 1 (8<sup>th</sup> July 2017)</b>		
	<b>Speaker</b>	<b>Title</b>
<b>Inaugural Session</b> 0900-0915		
<b>Introduction to OMICS</b> 0915-0945	<b>Dr. Rita Mulherkar,</b> Ex. ACTREC, Navi Mumbai Fellow NASI	From Human Genome Project to Next Gen Sequencing to Genomics
<b>Lecture 1</b> Genomics 0945-1030	<b>Dr. M. Seshadri,</b> Ex. BARC, Mumbai	Instrumentation for study of Genetic Variations and Diseases.
<b>TEA BREAK (1030-1100)</b>		
<b>Lecture II</b> Genomics 1100-1145	<b>Dr. Rita Mulherkar,</b> Ex. ACTREC, Navi Mumbai	Genomics in health and agriculture
<b>Lecture III</b> Bioinformatics 1145-1215	<b>Dr. Sanjeev Galande,</b> IISER Pune, Fellow NASI	NGS data analysis for dummies
<b>Lecture IV</b> Applications 1215-1315	<b>Dr. Sanjeev Galande,</b> IISER Pune, Fellow NASI	From Genome to Epigenome: A New Perspective For Understanding Complex Diseases
<b>LUNCH (1315-1415)</b>		
<b>Lecture V</b> Transcriptomics 1415-1500	<b>Dr. Yogesh Shouche,</b> NCCS, Pune	Human Microbiome: Indian Perspective
<b>Lecture VI</b> Biobanking and Ethical issues 1500-1545	<b>Dr. Rajiv Sarin</b> ACTREC, Navi Mumbai	Ethics of Biobanking and Genomics
<b>Lecture VII</b> Instrumentation 1545-1630	<b>Dr. Mukesh Jaiswal</b> Agilent Technologies	Pre-Implantation Genetic Screening Powered by CGH array
<b>Lecture VIII</b> RNA OMICS 1630-1715	<b>Dr. Rita Mukhopadhyaya</b> BARC, Mumbai	RNA OMICS
<b>HIGH TEA (1715 hrs.)</b>		

<b>DAY 2 (9<sup>th</sup> July 2017)</b>	<b>Speaker</b>	<b>Title</b>
<b>Lecture IX</b> Proteomics 0900-0945	<b>Dr. Surekha Zingde</b> Ex. ACTREC, Navi Mumbai	Proteomics Today: Approaches, Challenges and Expectations
<b>Lecture X</b> Instrumentation 0945-1030	<b>Dr. Ajit Datar,</b> Shimadzu Analytical India, Pvt Ltd	Introduction and Basics of Mass Spectrometry for OMICS related Applications"
<b>TEA BREAK (1030-1100)</b>		
<b>Lecture XI</b> Proteomics Applications 1100-1145	<b>Dr. Bhakti Basu,</b> BARC, Mumbai	Proteomics for understanding stress resistance mechanisms in prokaryotes
<b>Lecture XII</b> Proteomics Applications 1145-1230	<b>Dr. Geetanjali Sachdeva,</b> NIRRH, Mumbai, Fellow NASI	"Omics" to Know the Ins and Outs of Endometrial Functions
<b>Lecture XIII</b> Metabolomics and Applications 1230-1330	<b>Dr. Thulsiram H. V.,</b> NCL, Pune	Metabolomics and limanoid biosynthetic pathway in Neem, <i>Azadirachta indica</i>
<b>LUNCH (1330-1430)</b>		
<b>Lecture XIV</b> Instrumentation 1430-1515	<b>Dr. Abhijit Dixit</b> Biorad, Mumbai	Changes for better data quality in the Western Blotting world: Stain free gel technology and beyond
<b>Lecture XV</b> Instrumentation 1515-1600	<b>Mr. Shailesh Damale</b> Shimadzu Analytical (India) Pvt Ltd	Advances in chromatography in OMICS applications
<b>Concluding Session</b> 1600-1615		
<b>HIGH TEA (1615 hrs.)</b>		