

### **BLOCK THE DATE**

DAY NOV TIME SAT 13<sup>TH</sup> 18:00-21:00

#### **PROGRAM DIRECTORS**



**Dr. Kumar Prabhash**HOD & Professor, Medical Oncology,
Tata Memorial Hospital,
Mumbai



**Dr. Amit Dutt**Principal Investigator, Scientist G Wellcome Trust/DBT
India Alliance Int Fellow ACTREC, Tata Memorial Centre,
Navi Mumbai



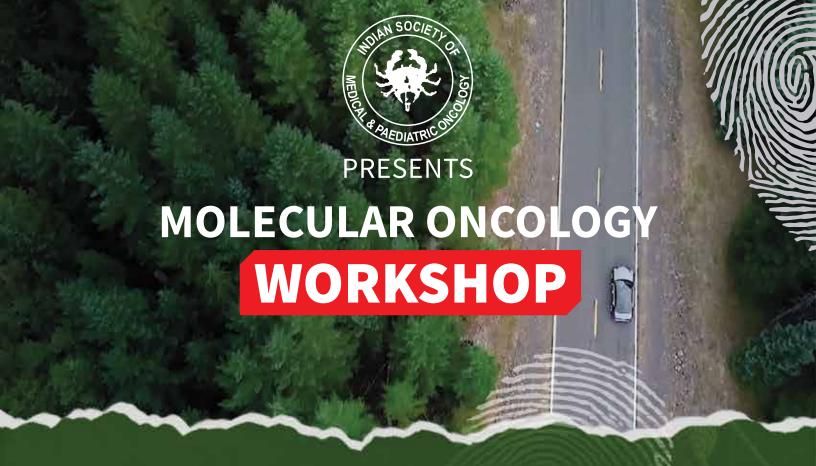
Dr. Bharat Bhosale
Director, Sunrise Oncology Day Care Centre
Sr. Consultant Medical Oncologist,
Bombay Hospital & Medical Recearch Centre,
Mumbai

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Saturday 13th November | Time 18:00-21:00

### Introduction to Workshop

The human genome sequencing project created the framework that increasingly identified multiple therapeutically relevant genetic variations causal to cancer. These discoveries, in turn, have led to the development of the most appropriate treatment delivering the promise of precision medicine paradigms and ensuring benefits relative to quality, safety, outcomes, and costs of data-driven and adaptive healthcare. However, the most significant impediment remains in its evidence-based clinical utility and broader acceptance among practitioners. This limitation is set to change.

The advancement in the methodologies applying Next-Generation Sequencing (NGS) is beginning to transform diagnostics by allowing cancers to be classified based on molecular mechanism and allowing clinical trials to be undertaken on more homogeneous groups of patients; and, therapeutics by sparking a new generation of drugs targeted at the molecular alterations that cause cancer.

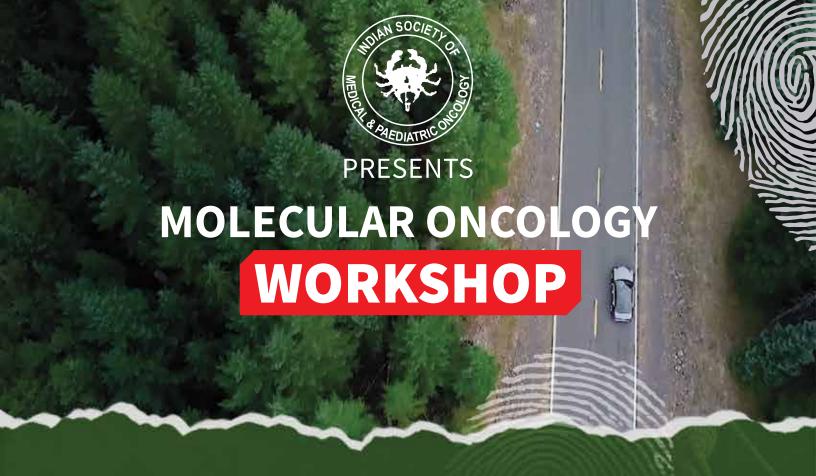
This workshop is designed to bring together clinicians, pathologists, basic researchers, computational biologists, diagnostic test developers, and service providers to brainstorm the challenges and opportunities in guiding the treatment and application of NGS in the management of cancer patients.

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### **Outline of the Program**

- I. Data-driven Lectures on Cancer Genomics- Leads from Indian Patients (30 mins. each)
  - 1. An overview of leads in somatic cancer genomics across multiple tumor types from Indian patients
  - 2. Integrating cancer genetics and oncology knowledge into clinical practice
- II. Didactic Lectures on Ngs and Generation of Clinical Reports (20 mins. each)
  - 1. Automated analysis of NGS based clinical reports
  - 2. Nuances of NGS based clinical reports on tissue biopsy
  - 3. The relevance and future of liquid biopsy in clinical oncology
  - 4. Complexities of clinical decisions based on NGS reports
- III. Deriving Clinical Decisions Based on NGS Reports (60 mins)
  - 1. Molecular tumor board: a hub for clinical interpretation where the Clinicians, Pathologists and Scientists Cerebrate!

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### **MOLECULAR ONCOLOGY** WORKSHOP



### **Faculty**



Dr. B.K. Smruti Sr. Consultant Medical Oncologist & Hemato-Oncologist, Bombay Hospital & Lilavati Hospital



**Dr. Govind Babu** Consultant Medical Oncologist, St. Johns Medical College and Hospital, HCG Hospitals, Bangalore



Dr. Anguraj Sadanandam Director, Centre for Global Oncology, The Institute of Cancer Research, London, UK



**Dr. Pratik Chandrani** Pl and Asst. professor, Medical Oncology Molecular Lab Centre for Computational Biology Tata Memorial Centre, Mumbai



**Dr. Siddharth Srivastava Professor of Practice Medical** Technologies IIT - Jodhpur Consultant, Neuberg center for genomic medicine



**Dr. Suyog Jain** Senior Medical Manager (Medical Affairs), **Guardant AMEA** 



Dr. Vanita Noronha Professor and Medical Oncologist, Tata Memorial Hospital, Mumbai Editor-in-chief, Cancer Research Statistics and Treatment (CRSTonline.com)



**Dr. Munita Menon** Associate Professor Pathology **Dept of Pathology** Tata Memorial Hospital, **Parel** 



**Dr. Randeep Singh** Director & Sr. Consultan Medical Oncologist, Narayana Superspeciality Hospital, Gurugram



Dr. Moushumi Suryavanshi Senior Consultant, Molecular Diagnostics, Rajiv Gandhi Cancer Institute & Research Center, Delhi

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### **Scientific Program**

05.55 pm - 06.00 pm

Welcome and Introduction Dr. Kumar Prabhash

Session I: Data-driven lectures on cancer genomics - leads from Indian patients

Chairperson: Dr. Govind Babu, Dr. B.K. Smruti

06.00 pm - 06.30 pm

An overview of leads in somatic cancer genomics across multiple tumor types from Indian patient

**Invited Speaker: Dr. Amit Dutt** 

06.30 pm - 07.00 pm

Integrating cancer genetics and oncology knowledge into clinical practice

Invited Speaker: Dr. Anguraj Sadanandam

Session II: Didactic lectures on NGS and generation of clinical reports

07.00 pm - 07.20 pm

Automated analysis of NGS based clinical reports

Invited Speaker: Dr. Pratik Chandrani

07.20 pm - 07.40 pm

Nuances of NGS based clinical reports on tissue biopsy

Invited Speaker: Dr. Siddharth Srivastava

07.40 pm - 08.00 pm

The relevance and future of liquid biopsy in clinical oncology

**Invited Speaker: Dr. Suyog Jain** 

08.00 pm - 08.20 pm

Complexities of clinical decisions based on NGS reports

**Invited Speaker: Dr. Kumar Prabhash** 

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# MOLECULAR ONCOLOGY WORKSHOP



**Streamlining the** path from actionable data to clinical insights

Saturday 13th November | Time 18:00-21:00

### Scientific Program

08.20 pm - 09.20 pm

Session III: Live Molecular Tumor Board (60 min): Deriving Clinical Decisions based on NGS reports

Moderator: Dr. Vanita Noronha

Panelist: Dr. Siddharth Srivastava

Dr. Moushumi Suryavanshi

**Dr. Munita Menon** 

Dr. Kumar Prabhash

**Dr. Randeep Singh** 

**Dr. Bharat Bhosale** 

**Dr. Amit Dutt** 

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**■** Leaders in Streaming Modules

#### **Nimesh Bafna**

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Director, River Route Event, Mumbai

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