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3rd INDIAN CANCER CONGRESS 2023

2nd - 5th November 2023 | Jio World Convention Centre, Mumbai

ICC-ASCO WORKSHOP

Developing a MOLECULAR TUMOR BOARD

Friday, 3rd November 2023



Program Director:

Prof. Dr. Somashekhar S P

Chairman - Medical Advisory Board

Aster DM Healthcare - GCC & India

Global Director - Aster International Institute of Oncology - GCC & India

Lead Consultant - Surgical & Gynaecological Oncology & Robotic Surgeon, HIPEC & PIPAC Super-specialist



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Developing a
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Friday, 03rd November, 2023

MTBs: why do we need them and what is holding us back?

High-throughput Next-generation sequencing (NGS) comprehensive gene profiling (CGP) is a vital component of the cancer care workflow of the 21st century. NGS CGPs have been incorporated into clinical practice to improve patient outcomes by identifying actionable drug targets. The widespread interrogation of the genomic landscape across cancer types may enable genome-guided therapy and drug discovery.

NGS CGP has transformed the landscape of clinical trials in the era of precision cancer medicine by emphasizing the importance of genomically stratified tumour-agnostic trials. Precision cancer medicine endorses a patient-centric approach, ensuring we adopt a tailor-made strategy unique to each cancer patient,

Multi-disciplinary Molecular Tumour Boards (MTBs) have been established to aid frontline oncologists by integrating NGS CGPs to facilitate the implementation of precision cancer medicine into clinical practice. An integral role of the MTB is to enable the timely referral of patients to genomically stratified clinical trials. NGS testing is performed via commercial platforms, which differ significantly in their scope. For example, some studies have been limited to DNA-based testing of a selected group of known targetable cancer-related genes. Therefore, MTB harmonizes treatment recommendations by comprehensively interrogating reported genomic alterations using an evidence-based approach.

Learning Objectives:

With continuously expanding possibilities for genetics-guided therapy on the one hand, and progressive insight in the complexity of such therapy on the other, it has been suggested to bring the required expertise together in Molecular Tumor Boards (MTBs) to ensure optimal care in an increasingly complex biomarker landscape

- Molecular tumor boards offer a vital resource to support delivery of precision medicine to oncology patients.
- Understanding the importance of various members of the cancer care team to be represented
- Personalized Medicine and Next Generation Sequencing
- The Impact on Patients of the MTB
- Global harmonization in cancer sequencing practices and procedures
- Minimal member and operational requirements
- Appropriate unsolicited findings policy
- MTB can improve and increase the application of genetics-guided cancer care.
- Recommendations for cancer patients with progression on standard of care therapies

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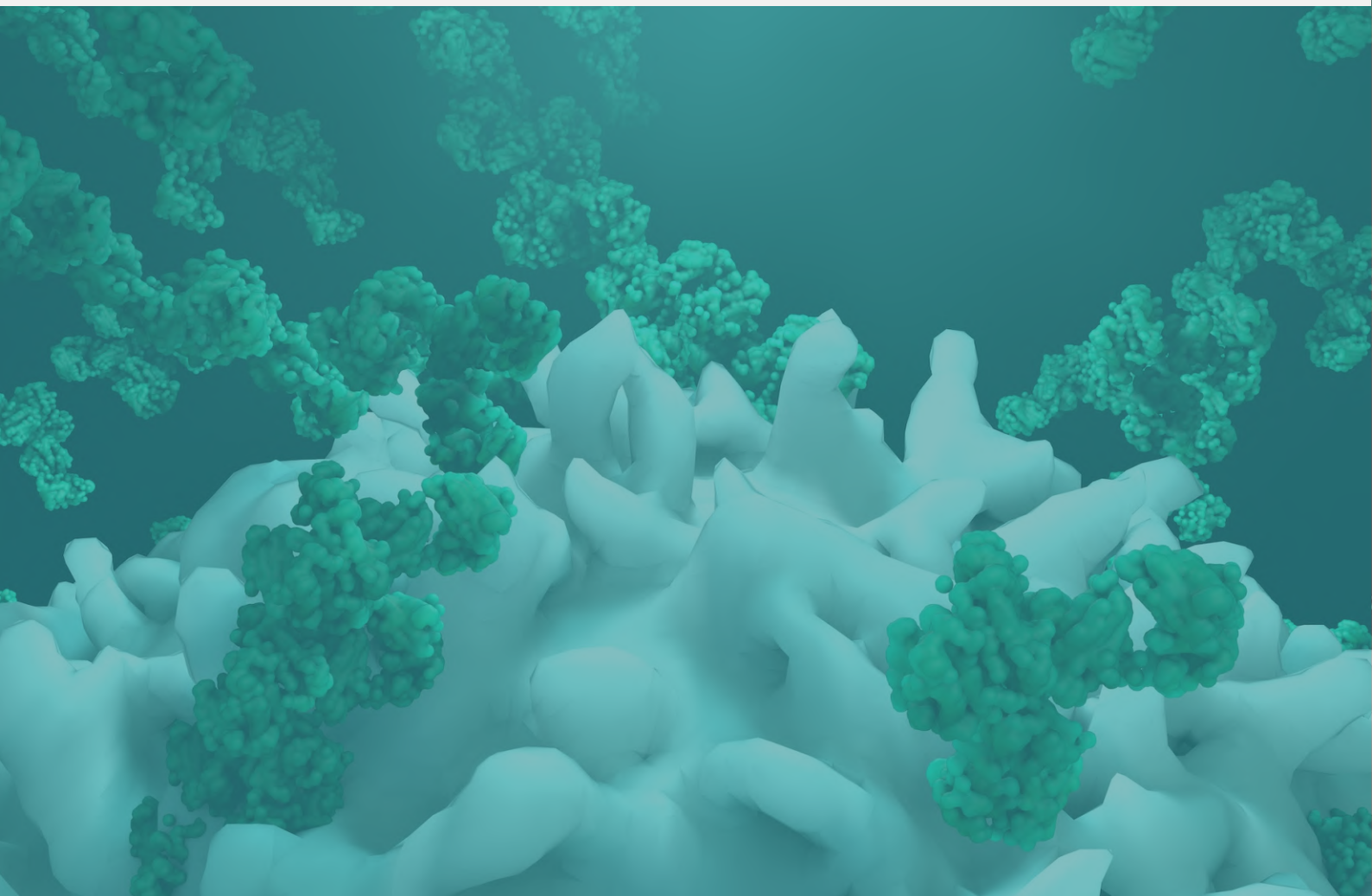


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Target Audience:

- **Medical Oncology, Radiation Oncology, Surgical Oncology,**
- **(Molecular) pathologists,**
- **Clinical (molecular) biologists,**
- **Interventional Radiology,**
- **Clinicians (relevant medical specialty)**
- **Geneticists (germline)**
- **Bioinformaticians**



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International Faculty



Dr. Shaheenah Dawood
UAE



Dr. Aparna Parikh
USA



Pro. Chris Boot



Pam Mangat
USA

National Faculty



Dr. Somashekhar S.P
Bangalore



Dr. Dinesh Pendharkar
Faridabad



Dr. Chirantan Bose
Gurgaon



Dr. Amit Dutt
Mumbai



Dr. Bhawna Sirohi
Raipur



Dr. T. Raja
Chennai



Dr. Amit Rauthan
Bangalore



Dr. Amol N Patel
Mumbai



Dr. Anant Ramaswamy
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Scientific Program

09.15 am - 06.00 pm	ICC - ASCO Workshop: Developing a Molecular Tumor Board
Session Directors	Dr. Vivek Subbiah, USA; Dr. S.P Somashekhar, Bangalore; Dr. Shaheenah Dawood, UAE; Dr. Aparna Parikh, USA
09:15 am - 09:25 am	Welcome and setting the context
Speaker	Dr. Somashekhar S.P., Bangalore
09.25 am - 10.05 pm	Session 1
Chairpersons	Dr. Dinesh Pendharkar, Faridabad; Dr. Akshay Karpe, Mumbai
09:25 am - 09:50 am	Tumour Board: Importance and Setting it Up
Speaker	Pam Mangat, ASCO, USA
9:50 am - 10:05 am	Q & A
10:05 am - 10:45 am	Session 2
Chairpersons	Dr. Bharat Bhosale, Mumbai
10:05 am - 10:30 am	Molecular Tumour Board: Composition, Patient Selection and Outcomes. Contextual Results from TAPUR and other studies
Speaker	Dr. Aparna Parikh, USA
10:30 am - 10:45 am	Q & A
10:45 am - 11:25 am	Session 3
Chairpersons	Dr. Amit Joshi, Mumbai; Dr. Adwaita Gore, Mumbai
10:45 am - 11:10 am	Somatic Genetic Testing : Who, What, When?
Speaker	Dr Amit Rauthan, Bangalore
11:10 am -11:25 am	Q & A
11.25 am - 11.50 am	Coffee - Break

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11:50 am - 12:50 pm	
Session 4	
Chairpersons	Dr. Bhawna Sirohi, Raipur; Dr. Sanjoy Chatterjee, Kolkata
11:50 am - 12:05 pm	Advances in Molecular Diagnostics Testing methodology Importance of depth, coverage Targeted and exome sequencing RNA sequencing: utility
Speaker	Dr. Chirantan Bose, Gurgaon
12:05 pm to 12:15 pm	Q & A
12:15 pm - 12:40 pm	Possibilities and Limitations of Liquid Biopsy (ctDNA and CTC) Testing
Speaker	Dr. Shaheenah Dawood, UAE
12:40 pm - 12:50 pm	Q & A
12:50 pm - 1:30 pm LUNCH BREAK (POSTER VIEW AND EXHIBITION)	
01:30 pm - 02:15 pm	
Session 5	
Chairpersons	Dr. T. Raja, Chennai; Dr. Atul Sharma, Delhi
01:30 pm - 01:45 pm	Standardized Reporting and Discussion in Molecular Tumor Board
Speaker	Dr. Amit Dutt, Mumbai
01:45 pm - 02:15 pm	Panel Discussion:- Expert panel: Best Practices in Molecular Tumor Board Implementation
Moderator	Dr. Bhawna Sirohi, Raipur
Panelist	Dr. Vani Parmar, Mumbai; Dr. Bharat Bhosale, Mumbai; Dr. Kripa Bajaj, Hyderabad; Dr. Somashekhar S.P, Bangalore; Dr. Omshree Shetty, Mumbai; Dr. Amit Dutt, Mumbai
02:15 pm - 02:45 pm	
Session 6	
Chairperson	Dr. Dinesh Pendharkar, Faridabad; Dr. Sunil Saini, Dehradun
02:15 pm - 02:35 pm	Precision oncology using ex vivo technology: a step towards individualized cancer care?
Speaker	Pro. Chrish Boot
02:35 pm - 02:45 pm	Q & A

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02:45 pm : 03:00 pm	Coffee - Break
03:00 pm - 05:40 pm	Session 7 - Mock Molecular Tumour Board
03:00 pm - 03:30 pm	Panel Discussion: Lung Cancer
Moderator	Dr. T. Raja, Chennai
Panelist	Dr. Sai Vivek, Bangalore; Dr. Aju Matthew, Kochi; Dr. Jyoti Wadhwa, Haryana; Dr. Kumar Prabhaskar, Mumbai; Dr. Roshni Bhagwat Pande, Jabalpur.
03:30 pm - 04:00 pm	Panel Discussion - Biliary Tract Cancer
Moderator	Dr. Amol N Patel, Mumbai
Panelist	Dr. Atul Sharma, Delhi; Dr. Aparna Parikh, USA; Dr. Chirantan Bose, Gurgaon; Dr. Amol Akhade, Mumbai
04:00 pm - 04:30 pm	Panel Discussion- Breast Cancer
Moderator	Dr. Shaheenah Dawood, UAE
Panelist	Dr. Somashekhar SP, Bangalore; Dr. Sanjoy Chatterjee, Kolkata; Dr. Tanuja Shet, Mumbai; Dr. Vijay Haribhaskar, Mumbai; Dr. Indoo Ambulkar, Mumbai
04:30 pm - 05:00 pm	Panel Discussion: GIT Cancer
Moderator	Dr. Anant Ramaswamy, Mumbai
Panelist	Dr. Omshree Shetty, Mumbai; Dr. Epari Sridhar, Mumbai; Dr. Aditya Punamiya, Mumbai; Dr. Shriniwas Kulkarni, Mumbai; Dr. Muzmil Sheikh, Mumbai;
05:00 pm - 05:15 pm	Use of Molecular Tumor Board for Rare Tumors in Adults
Speaker	Dr. Aparna Parikh, USA
05:15 pm - 05:25 pm	Q & A
05:25 pm - 05:40 pm	Precision Medicine in Cancer: Challenges and Opportunities
Spekaer	Dr. Dinesh Pendharkar, Faridabad
05:40 pm - 05:50 pm	Concluding remarks and summary
Speaker	Dr. Somashekhar SP, Bangalore

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