













Venue: Hall K (104A), level 1, JIO World Convention Centre, Mumbai

Genomics to the Clinic

"Being Precise in Precision Oncology"



Dr. B. K. Smruti

Program Director
Vice President - ISMPO,
Sr. Consultant Medical Oncologist,
Hemato-Oncologist,
Bombay Hospital & Lilavati Hospital, Mumbai





THURSDAY 2nd NOVEMBER 2023

Dear Colleagues,

The Indian Society of Medical and Paediatric Oncology (ISMPO) in collaboration with European Society for Medical Oncology (ESMO) is conducting a one day symposium on 2nd November 2023 titled "Genomics to Clinic, Being Precise in Precision Oncology".

This is a part of Indian Cancer Congress, taking place from November 2nd to 5th, at the Jio World Center, Mumbai.

The molecular profiling of tumors has led to a genomic era of precision treatment of cancer. Broad gene panel sequencing of solid tumors and haematologic malignancies is well ensconced and is undergoing a transformative evolution in India

Although testing is now widely available, gaps exist in navigating and interpreting reports and their integration in the clinic. This symposium brings together expert molecular oncologists and clinicians to bridge the gap. It provides an overview of the basic testing platforms, choice of panels, navigating reports, use of knowledge databases and current paradigm for application of precision oncology in the management of some solid tumors and hereditiary cancers with didactic lectures and multiple molecular tumor boards.

Invited challenging cases will be discussed by an expert panel. The optimal utilization of liquid biopsy will be addressed.

Regards,



Dr. B. K. Smruti

Program Director
Vice President - ISMPO,
Sr. Consultant Medical Oncologist,
Hemato-Oncologist,
Bombay Hospital & Lilavati Hospital, Mumbai



Genomics to the Clinic "Being Precise in Precision Oncology"

THURSDAY 2nd NOVEMBER 2023

Learning Objective

- 1. Understanding the basic essestials from choice of NGS panels, interpretation of reports, VUS and VAF and use of knowledge databases.
- 2. Defining the utilization of precision Oncology in select solid tumors and hereditiary cancers
- 3. The role of liquid biopsy

Orienting clinicians to chosing NGS panels, navigating components of NGS report, VUS, VAF and the use of knowledge database

Identifying rare and frequent genomic alterations across common solid tumors

Precise optimal matching of targeted treatment

Interactive molecular tumor boards for each malignancies

Impact on management of hereditiary cancers

Target Audience

Oncologist

- Molecular Biologist
- Basic Scientists
- Pharmacist
- Research and Allied Laboratory Personnel





Genomics to the Clinic "Being Precise in Precision Oncology"

THURSDAY 2nd NOVEMBER 2023

Scientific Committee Members & Faculty:



Dr. Amit Rauthan

HOD & Consultant - Medical Oncology Manipal Hospitals, Bangalore



Dr. Amit Verma

Molecular Oncologist, Founder and Director, Dr. AV Cancer Institute, Gurgaon



Dr. Anant Ramaswammy

Consultant Medical Oncologist, Tata Memorial Hospital, Mumbai



Dr. Anurag Mehta

Director, Laboratory Services, Rajiv Gandhi Cancer Institute and Research Centre (RGCI), Delhi



Dr. Jay Mehta

President & Head, Sr. Surgical Pathologist, Neuberg Oncopath, Mumbai



Dr. Kumar Prabhash

Professor, Department of Medical Oncology, Tata Memorial Hospital, Mumbai



Dr. Nitesh Rohatgi

Sr. Director Medical Oncology, Fortis Memorial Research Institute, Gurugram



Dr. Priya Tiwari

Sr. Consultant Medical Oncologist **Artemis Hospital** Gurugram



Dr. Rajiv Sarin

Professor Radiation Oncology; In-Charge Cancer Genetics Unit, Tata Memorial Hospital, Mumbai



Dr. Sameer Rastogi

Assistant Professor Dept. of Medical Oncology AIIMS, Delhi

Click link below for registration https://icc2023.in/registration.php





Genomics to the Clinic "Being Precise in Precision Oncology"

THURSDAY 2nd NOVEMBER 2023

Scientific Committee Members & Faculty:



Prof. Dr. Sudeep Gupta

Director, Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Tata Memorial Centre, Mumbai



Senior Medical Oncologist Apollo Cancer Centre, Chennai



Dr. Ullas Batra

Senior Consultant & Chief of Thoracic Medical Oncology, Rajiv Gandhi Cancer Institute and Research Centre (RGCI), Delhi



Dr. Vanita Noronha

Professor and Medical Oncologist, Tata Memorial Hospital, Mumbai



Dr. Viraj Lavingia

Consultant Medical Oncologist, HCG Hospitals, Ahmedabad

National Faculty

- Dr. Ajay Bapna
- Dr. Aju Mathew
- Dr. Akhil Kapoor
- **Dr. Amit Dutt**
- Dr. Amit Joshi
- Dr. Amit Verma
- Dr. Amita Maheshwari
- Dr. Amrit Kaler Dr. Anuradha Chougule
- Dr. Aparna Dhar
- Dr. Asha Kapadia
- Dr. Ashish Bakshi Dr. Ashish Gulia
- Dr. Ashish Singh Dr. Bharat Rekhi
- Dr. Bhavna Parikh
- Dr. Bhawna Sirohi
- Dr. Bhuvan Chugh Dr. Boman Dhabhar
- Dr. Chandralekha Tampi
- Dr. Chetan Deshmukh
- Dr. Chirag Desai
- Dr. Epari Sridhar

- Dr. G. Arun Kumar
- **Dr. Girish Chinnaswamy**
- Dr. Harsha Panchal
- **Dr. Hemant Malhotra** Dr. K. Govind Babu
- Dr. K. Pavithran Dr. Kripa Bajaj
- Dr. Krishna Prasad
- **Dr. Lalit Kumar**
- Dr. M. Vamshi Krishna
- **Dr. Maheboob Basade**
- Dr. Manish Agarwal
- Dr. Mansi Sharma Dr. Mohan Menon
- Dr. Moushumi Suryavanshi
- **Dr. Nilesh Lokeshwar**
- Dr. Nippun Sandhir
- **Dr. Nirmal Raut**
- Dr. Nita Nair
- Dr. Nitesh Rohatgi
- **Dr. Omshree Shetty**
- Dr. P. Jagannath
- Dr. Prabhat Bhargava

- Dr. Prabhat Malik
- **Dr. Prasanth Ariyannur**
- **Dr. Prashant Kumar**
- Dr. Raghunadharao Digumarti
- Dr. Ramesh Nimmagadda
- Dr. Rajiv Sarin
- Dr. Ritu Jain
- Dr. S. D. Banavali
- Dr. S. H. Advani
- Dr. Sandeep Goyle
- Dr. Senthil Rajappa
- Dr. Sewanti Limaye
- **Dr. Shona Nag**
- Dr. Shyam Aggarwal
- Dr. Swaratika Majumdar
- Dr. Tanuja Seth
- Dr. V. Radhakrishnan
- **Dr. Vashishth Maniar**
- Dr. Vijay Patil
- Dr. Vijayalakshmi R.
- **Dr. Vineet Talwar**
- **Dr. Vinod Raina**





THURSDAY 2nd NOVEMBER 2023

International faculty



Prof. Dominik Paul Modest

Charité - Universitätsmedizin Berlin Germany

Prof. Dominik Paul Modest is currently based at the Charité University of Medicine in Berlin. He started his studies at the same university, where he also obtained his Professorship in Gastrointestinal Oncology. He is currently a member of the German Cancer Society, the AIO Workgroup of Medical Oncology, ASCO, ESMO, DGHO and EORTC. He has contributed to numerous publications on the topic of Lower Digestive Cancers, as well as receiving many awards, such as: Young Investigator Award DGHO 2011 and the ASCO Merit Award 2016.



Dr. Susana Banerjee

Consultant Medical Oncologist Research Lead Gynaecology Unit MBBS MA PhD FRCP

Dr Banerjee has been involved in several national and international specialist groups including the National Cancer Research Institute (NCRI) Gynaecological Cancers Clinical Studies Group, European Organization for Research and Treatment of Cancer (EORTC) Executive Steering Committee for Gynaecological Cancers, ESGO (European Society of Gynaecological Oncology) Congress Faculty and International Gynecologic Cancer Society Scientific Program Committee. Dr Susana Banerjee serves on the European Society of Medical Oncology (ESMO) Executive Board as Director of Membership and is also part of the Women for Oncology Committee. She chairs the ESMO Resilience Task Force. She was Track Chair for Gynaecological Cancers for the ESMO Congress 2018, Scientific Co-Chair for ESMO Asia 2018 and Co-Chair of the ESMO Gynaecological Cancers Congress 2021.





THURSDAY 2nd NOVEMBER 2023

International faculty



Dr. Benjamin Besse

Professor of Medical Oncology Paris-Saclay University, Orsay, France

A medical oncologist specializing in the management of thoracic cancers, Prof. Benjamin Besse has been Director of Clinical Research at Gustave Roussy since September 2, 2021, after having headed the Institute's Department of Oncology Medicine for three years.

His main research areas are the application of molecular abnormalities to personalize treatment, circulating biomarkers, early drug development in thoracic tumors and thymic malignancies.

Benjamin Besse is author and co-author of more than 250 peer-reviewed articles. Over the past five years, he has been the principal investigator of more than 30 phase I, II and III clinical trials.

Professor Besse is the chairman of the EORTC lung group and coordinates the French network of thymic malignancies RYTHMIC. He is also a member of ASCO (American Society of Clinical Oncology), IASLC (International Association for the Study of Lung Cancer) and ESMO (European Society of Medical Oncology). He is a member of Clarivate's 2022 list of Highly Cited Researchers.



Dr. Mrinal Gounder

Medical Oncologist, Memorial Sloan Kettering Cancer Center, New York, USA

Dr. Mrinal is a MD, State University of New York, Syracuse and a Residencies Northwestern University did his Fellowship at Memorial Sloan Kettering Cancer Center.

He is a Medical Oncologist specializing in the care of patients with sarcomas of soft tissue and bone. As an attending physician at Memorial-Sloan Kettering Cancer Center he works closely with leading sarcoma experts in Medicine, Surgery, Radiation, Pathology, Cancer Biology, and Nursing to deliver the best patient care for each type of sarcoma. Currently, he is the lead investigator on several clinical trials.





THURSDAY 2nd NOVEMBER 2023

International faculty



Dr. Steve Olsen

Chief Medical Officer Guardant Health AMEA Tokyo, Japan

Dr. Steve Olsen is Chief Medical Officer at Guardant Health AMEA based out of Tokyo, Japan. Dr. Olsen did his MD in Medicine and PhD in Cellular & Molecular Biology from the University of Michigan. He completed his degree in Medical Oncology from the University of California, San Francisco. Dr. Olsen has also worked with the global biopharmaceutical companies like Sanofi-Aventis Group, Genentech and Astra Zeneca.

Major accomplishments: Established and led Medical Affairs division of sanofi-aventis KK, established national disease registries in thrombosis, diabetes, obesity, led global medical affairs team for Taxotere (docetaxel), Eloxatin (oxaliplatin), Elitek (rasburicase). He also led Kadcyla (T-DM1) global development and approval in US, EU, Japan and other countries. Created life cycle management strategy including KATHERINE, which led to approval in early stage breast cancer, led US medical affairs team for portfolio including Herceptin (trastuzumab), Perjeta (pertuzumab), Kadcyla (trastuzumab emtansine), Tarceva (erlotinib), Xeloda (capecitabine), Zelboraf (vemurafenib), and Erivedge (vismodegib).





Genomics to the Clinic "Being Precise in Precision Oncology"

THURSDAY 2nd NOVEMBER 2023

Time	Topic			
09:00-09:10	Welcome and Context setting			
Session 1 - Basics of Genomic Profiling - "THE UNSEEN PART OF ICEBERG" – A sneak peek of the lab for clinicians				
	Practice Essentials for Testing			
	Chairpersons: Dr. Maheboob Basade, Dr. Anuradha Choughule			
09:10-09:25	Fundamentals of Sequencing Technologies Speaker: Dr. Omshree Shetty			
09:25-09:40	NGS panels : "Choosing Wisely" Speaker: Dr. V. Radhakrishnan			
	Data Analysis and Interpretation			
	Chairpersons: Dr. Chetan Deshmukh, Dr. Prashant Kumar			
09:40-09:55	Navigating the components of a Genomic Profiling Report Speaker: Dr. Moushumi Suryavanshi			
09:55-10:10	Interpretation and Implementation of VAF and VUS Speaker: Dr. Anurag Mehta			
10:10-10:20	Role of Bioinformatics in Analysis of Comprehensive Genomic Data – A clinicians perspective Speaker: Dr. G. Arun Kumar			
10:20-10:35	Clinical Implications and Decision Making "The Use of Online Knowledge Data Bases" Speaker: Dr. Prasanth Ariyannur			
10:35-11:05	Practical challenges and Pitfalls of genomic profiling and interpretation:			
	Panel Discussion & Q&A			
	Moderator: Dr. Shyam Aggarwal			
	Panelists: Dr. V. Radhakrishnan, Dr. Vashishth Maniar, Dr. Moushumi Suryavans Dr. Prasanth Ariyannur, Dr. G. Arun Kumar, Dr. Chirag Desai, Dr. Chetan Deshmukh	shi,		

Click link below for registration https://icc2023.in/registration.php





Genomics to the Clinic "Being Precise in Precision Oncology"

Time	Topic		
Session 2 - An overview of Precision Oncology in Various Tumor Types			
	Lung Cancer – The Torch Bearer for Precision Oncology		
	Chairpersons: Dr. Ajay Bapna, Dr. S. H. Advani, Dr. K. Pavithran		
11:05-11:20	Making Sense of NGS Report for Practicing Clinicians – Decoding the Alphabet Soup Speaker: Dr. Prabhat Malik		
11:20-11:40	Matching the right drug for the right patient at the right time – considerations beyond common mutations Speaker: Dr. Kumar Prabhash		
11:40-12:00	Demystifying Omics beyond Genomics Speaker: Dr. Benjamin Besse		
12:00-12:45	Molecular Tumor Board (Case Based)		
	Moderator: Dr. Ullas Batra		
	Panelists: Dr. Anuradha Chougule, Dr. Amrit Kaler, Dr. T. Raja, Dr. Prabhat Malik, Dr. Kumar Prabhash, Dr. Benjamin Besse, Dr. Akhil Kapoor, Dr. Mansi Sharma, Dr. Amit Dutt, Dr. Vashishth Maniar, Dr. K. Govind Babu		
12:45-13:30	Lunch Break		
	Unraveling the Molecular Mysteries of Gastrointestinal Cancers		
	Chairpersons: Dr. Shyam Aggarwal, Dr. Bhavna Parikh, Dr. Nilesh Lokeshwar		
13:30-13:45	Navigating MSI highway in GI cancers Speaker: Dr. M. Vamshi Krishna		
13:45-14:00	Beyond the Visible – ctDNA in early CRC. Is it primetime worthy? Speaker: Dr. Viraj Lavingia		





Genomics to the Clinic "Being Precise in Precision Oncology"

Time	Topic		
14:00-14:20	GI Cancers on the Move: Actionable Targets in an Evolving Landscape Speaker: Prof. Dominik Paul Modest		
14:20-14:50	Molecular Tumor Board (Case Based)		
	Moderator: Dr. Anant Ramaswamy		
	Panelists: Dr. Viraj Lavingia, Dr. Priya Tiwari, Dr. Mohan Menon, Dr. Maheboob Basade, Dr. Vineet Talwar, Dr. Prasanth Ariyannur, Prof. Dominik Paul Modest, Dr. Ashish Singh, Dr. Omshree Shetty, Dr. Bhuvan Chugh		
	How do I use Precision Oncology in Gynaecologic Malignancies		
	Chairpersons: Dr. Asha Kapadia Dr. Ramesh Nimaggada, Dr. Raghunadharao Digumarti, Dr. Chandralekha Tampi		
14:50-15:05	Theory to Practice – HRD Testing Methods, Scoring and Integration in Practice Speaker: Dr. Senthil Rajappa		
15:05-15:25	Emerging biomarkers in Ovarian Cancer (all subtypes) and their clinical utility Speaker: Dr. Susana Banerjee		
15:25-15:40	Precision Medicine at the Helm – Transforming Treatment Paradigms in Endometrial Cancer Speaker: Dr. B. K. Smruti		
15:40-16:15	Molecular Tumor Board (Case Based)		
	Moderator: Dr. Amit Rauthan		
	Panelists: Dr. Boman Dhabhar, Dr. K. Govind Babu, Dr. Senthil Rajappa, Dr. Krishna Prasad, Dr. Kripa Bajaj, Dr. Sandeep Goyle, Dr. Ashish Bakshi, Dr. Moushumi Suryavanshi, Dr. Omshree Shetty, Dr. Susana Banerjee		
16:15-16:30	Tea Break		





Genomics to the Clinic "Being Precise in Precision Oncology"

Time	Topic		
	Sarcomas - The Journey Less Travelled		
	Chairpersons: Dr. Manish Agarwal, Dr. Krishna Prasad, Dr. Ashish Gulia		
16:30-17:00	Can Molecular Markers Harness Individualized Therapy for Sarcomas?		
	Molecular Tumor Board (Case Based)		
	Moderators: Dr. Jay Mehta, Dr. T. Raja		
	Panelists: Dr. Mrinal Gounder (MSK USA), Dr. Prabhat Bhargava, Dr. S. D. Banavali, Dr. Amit Verma, Dr. Anurag Mehta, Dr. Aju Mathew, Dr. Bharat Rekhi, Dr. V. Radhakrishnan, Dr. Swaratika Majumdar, Dr. Akhil Santhosh		
	Hereditary Cancers - The Burden of Inheritance		
	Chairpersons: Dr. Lalit Kumar, Dr. Harsha Panchal, Dr. Vinod Raina		
17:00-17:30	Molecular Tumor Board (Case Based)		
	Moderators: Dr. Amit Verma, Dr. Rajiv Sarin		
	Panelists: Dr. Bhawna Sirohi, Dr. Aparna Dhar, Dr. Nita Nair, Dr. G. Arun Kumar, Dr. Hemant Malhotra, Dr. Priya Tiwari, Dr. Chetan Deshmukh, Dr. Akhil Kapoor, Dr. Vijayalakshmi R.		
	on 3 - Liquid biopsy Symposium, The 3 Ps of quid Biopsy Power, Promise and Pitfalls		
	Chairpersons: Dr. Amit Verma, Dr. Ashish Bakshi		
17:30-17:45	Diving into Liquid Biopsy: Methods, Pros, and Cons Explored Speaker: Dr. Steve Olsen		
17:45-18:00	Liquid breathes fresh air into the Lung Speaker: Dr. Nitesh Rohatgi		
18:00-18:15	Shifting paradigm of Liquid Biopsy in GI cancers Speaker: Prof Dominik Paul Modest		





Time	Topic
18:15-18:45	Molecular Tumor Board (Case Based)
	Moderator: Dr. T. Raja
	Panelists: Dr. Sewanti Limaye, Dr. Nirmal Raut, Dr. Nippun Sandhir, Prof Dominik Paul Modest, Dr. Amit Dutt, Dr. Viraj Lavingia, Dr. Steve Olsen Dr. Bhuvan Chugh, Ms. Aakriti Aggarwal
	Chairpersons: Dr. Hemant Malhotra, Dr. Ramesh Nimmagadda, Dr. Harsha Panchal
18:45-19:30	Invited Abstracts: CUP/ GU/CNS
	Moderator: Dr. B. K. Smruti
	Case Presenter:
	Dr. Chirag Desai (GU Case)
	Dr. Vijay Patil (CNS case)
	Dr. Priya Tiwari (CUP Case)
	Experts: Dr. Sewanti Limaye, Dr. T. Raja, Dr. Amit Joshi, Dr. Nitesh Rohatgi, Dr. Anurag Mehta, Dr. Bhawna Sirohi, Dr. Ajay Bapna, Dr. Sandeep Goyle
19:30-20:00	Lilac Insights Symposium
	Case Study Discussion: "Companion Dignostics - Early Breast Cancer Precision
	Session Lead: Dr. Tania Mukherjee
	Chairperson: Dr. S. H. Advani
	Moderator: Dr. M. Vamshi Krishna
	Panelists: Dr. Anita Ramesh, Dr. Niti Raizada, Dr. Sachin Hingmire, Dr. Chandragouda Dodagoudar, Dr. Chandrakanth M.V., Dr. Vijayalakshmi R.

^{*}The registration for this symposium is complimentary for those registered for the ICC conference





THURSDAY 2nd NOVEMBER 2023

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Conference Registration Fee

Category	From 01-Sep-23 to 31-Oct-23	Spot Registration From 01-Nov-23
Member of IASO, ISMPO, ISO & AROI	INR 17000	INR 19500
Non Member / SAARC Countries	INR 18500	INR 20500
PG Student	INR 9000	INR 10000
Non-Medical Student	INR 10000	INR 11000
NGO / Nurse / Allied Health Professionals	IINR 9000	INR 10000
Corporate Delegate	INR 25000	INR 28000
Accompanying Person	INR 9000	INR 10000
International Delegate	USD 375	USD 425

18% GST is Included.

One Day Registration Fee

Category	Registration Fee	
Allied Health Professionals Oncologist, MS ENT, MCh Urology, MD, Gynec,	Consultant	INR 4500
Psycho Oncology, Post Graduate Students & others.	Student	INR 4000
NGO, Speech & Swallowing Therapy, Nurse, Physiotherapist, Basic Scientists & others.		INR 2500

18% GST is Included.