



PRESENTS

PRECISION IN PRACTICE GENOMICS TO THERAPEUTICS 2026

GUIDING CLINICAL DECISION THOROUGH MOLECULAR INSIGHTS



29th – 30th
August 2026



**TATA MEMORIAL
HOSPITAL, MUMBAI**

Organised by

Molecular Pathology Laboratory,
Department of Pathology,
Tata Memorial Hospital, Mumbai

Venue:

Rustom Choksi
Auditorium Complex,
Tata Memorial Hospital,
Mumbai, 400012

Register Now

WELCOME MESSAGE

Precision medicine is transforming the future of healthcare by integrating molecular diagnostics, genomics, and targeted therapeutics into clinical practice.

Precision in Practice: Genomics to Therapeutics 2026

Aims to bring together clinicians, Molecular pathologists, Researchers, Geneticists, and Healthcare Professionals to discuss the latest advances shaping precision oncology and translational medicine.

Through scientific discussions, expert lectures, and collaborative interactions, the conference will explore innovations that bridge molecular insights with real-world clinical decision making.

Join us in advancing the future of precision medicine through innovation, collaboration, and translational science.

WHO SHOULD ATTEND

Pathologists, Scientific Personnel, Technologists, Medical Oncologists, Practicing clinicians

ORGANIZING COMMITTEE

PATRONS



Dr. Sudeep Gupta
Director, Tata Memorial Centre



Dr. C S Pramesh
Director, Tata Memorial Hospital

ORGANISING CHAIRPERSON



Dr. Tanuja Shet
Professor & Head, Department of Pathology,
Tata Memorial Centre

ORGANISING SECRETARIES



Dr. Omshree Shetty
Scientific Officer
Molecular Pathology
Tata Memorial Hospital



Ms. Prachi Gogte
Scientific Officer
Molecular Pathology
Tata Memorial Hospital



Dr. Nupur Kenkre
Consultant Pathologist
Department of Pathology
Tata Memorial Hospital

JOINT SECRETARIES



Ms. Pradnya Joshi
Scientific Officer
Molecular Pathology
Tata Memorial Hospital



Ms. Ramya Iyer
Scientific Officer
Molecular Pathology
Tata Memorial Hospital

REGISTRATION DETAILS!

- Registration for the conference will be online only
- Confirmation of registration and all future correspondence will be through email. The email id is **molpath.tmh@gmail.com**
- Registration will be confirmed upon receipt of the payment.
- Participants must arrange their own travel and stay.
- Due to venue restriction, limited seats only. Early registration is encouraged!
- Last Date for Registration is: **20th August 2026**

5 MINUTE SCIENTIST (Contest)

- Present your molecular innovation and ideas in just 5 minutes.
- We invite molecular pathology based abstracts
- Five outstanding abstracts will be selected to deliver short presentations showcasing the importance and impact of their research
- Details will be shared with the registered delegates via email.

REGISTRATION FEES

Fees for in-person Conference

Rs. 6,000.00

Fees For Delegates registered for
'NGS Made Simple' Webinar

Rs. 5,000.00

*The registration fee is non refundable**



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Five Minute Scientist (Participation Guidelines)

Translating Science into Impact

Do you have exciting research, an innovative methodology, or a compelling scientific finding to share? The Five Minute Scientist competition provides a platform for students, researchers, clinicians, and laboratory professionals to present their work in a concise, engaging, and impactful format. Participants will have five minutes to communicate their research, highlighting its significance, innovation, and potential impact on patient care, diagnostics, or biomedical science.

Who Can Participate?

Undergraduate, Students, Postgraduate Students, PhD Scholars
Postdoctoral Researchers, Medical Residents, Clinicians, Scientists and Laboratory Professionals

Presentation Format

Maximum presentation time: 5 minutes
Maximum of 5 slides
Presentations should be understandable to a broad scientific audience
Focus on the key message and impact of the work

Suggested Themes

Precision Oncology,
Molecular Diagnostics,
Genomic Profiling,
Translational-Therapeutics,
Bioinformatics & AI in Healthcare,
Cancer Genomics,
Biomarker Discovery,
Quality Assurance in Molecular Diagnostics

Submission Guidelines

- Submit an abstract not exceeding 300 words.
- Include: Title, Authors and Affiliations, Background, Methods, Results, Conclusion
- Abstracts should be submitted in PDF format.
- Previously presented work may be submitted with appropriate disclosure.
- Selected participants will be invited for the final presentation round.

Abstracts selected for the e-Poster presentation will be displayed on the Digital screen at the conference venue

Important Dates

Last Date for Abstract Submission:

05/08/2026

Intimation Date for selected Abstracts:

10/08/2026

Interested candidates can share
the abstracts via email at

molpath.tmh@gmail.com



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Scientific Program

Saturday	Day - 1	29th August
Time	Session Title	Speakers
9:00 - 09:15 am	Welcome Address	Dr. Tanuja Shet
9:15 - 09:30 am	Inauguration	
09:30 - 10:00 am	Key note: Shaping the molecular oncology conversation between Clinician and Molecular diagnosis or Management of cervical cancers: recent advances and applicability in diverse settings Or Decoding Endocrine Resistance Through CDKN1B and ER Signaling Crosstalk	Dr .Sudeep Gupta
Session 1 : Liquid biopsy and MRD testing		
10:00 - 10:30 am	Evolving Paradigms in Liquid Biopsy and MRD Monitoring	Dr. Omshree Shetty
10:30 - 11:00 am	Clinical Management Guided by ctDNA and MRD Testing/ From CTCs to Exosomes: Translational Advances in Liquid Biopsy	Dr. Vikas Otswal
11:00 - 11:15 am	Tea Break	
11:15 - 11:45 am	Advances in ctDNA-Based Monitoring for Lung Cancer	Dr. Kumar Prabhash
11:45 - 12:15 pm	Industry Sponsored talk	SOPHiA –Speaker from MSK
12:15 - 13:00 pm	Session 2 : Molecular Tumor Board: "Liquid Biopsy in Clinical Practice: Cases, Challenges, and Opportunities"	Moderator: Dr.Trupti Panelist: Dr. Vikas, Dr. Kumar P. , Dr. Omshree, Dr. Gauri
13:00 - 14:00 pm	Lunch Break	
Session 3 : Inside the Tumor Ecosystem		
14:00 - 14:30 pm	Industry Sponsored talk	Nanostring Speaker
14:30 - 15:00 pm	Industry Sponsored talk	AstraZeneca Speaker
15:00 - 15:30 pm	Integrating proteomic in genomics Multi-Omics Approaches in Molecular Pathology	Dr. Sanjeeva Srivastava
15:30 - 16:00 pm	Tumor Microenvironment Modeling in Precision Oncology	Dr. Abijit Mujumdar
16:00 - 16:15 pm	Tea Break	
16:15 - 17:00 pm	Session 4: 5 min Molecular Scientist (Total 5 best abstracts will be selected)	

Scientific Program

Sunday	Day - 2	30th August
Time	Session Title	Speakers
09:00 - 09:30 am	Key Note Lecture 2: Precision Oncology for the Common man: Bridging Innovation and Access	Dr. CS Pramesh
Session 1 : Molecular Signatures Guiding Disease Management		
9:30 - 10:00 am	Methylation Profiling: Redefining central nervous system tumor classification	Dr. Sridhar Epari
10:00 - 10:30 am	Precision Oncology in Paediatric Solid Tumors: Successes and Limitations	Dr. Girish Chinnaswamy
10:30 - 11:00 am	Precision Oncology in Hematological Malignancies: Are We Ready for the Next Decade?	Dr. Manju Sengar
11:00 - 11:15 am	Tea Break	
11:15 - 11:45 am	When Morphology Is Not Enough: Role of Molecular Testing in Sarcoma Diagnosis: Case based discussion	Dr. CS Pramesh
11:45 - 12:15 pm	Errors and Near-Misses in Hereditary Cancer Genetics: A Case-Based Review- Aparna Dhar	Dr. Aparna Dhar
12:15 - 12:45 pm	Molecular Laboratory Setup: Real-World Challenges, Errors, and Corrective Actions	Dr. Neeraj Arora
12:45 - 13:30 pm	Session 2 : Break through abstracts & publications	
13:30 - 14:15 pm	Lunch Break	
14:15 - 15:30 pm	Session 3 : Molecular Tumor Board Optimizing Molecular Testing Algorithms in Solid Tumors	Moderator: Dr. Gauri Panelist: Dr. Amit Joshi, Dr. Trupti, Dr. Omshree, Dr. Nupur, Dr. Neeraj Arora
15:30 - 15:45 pm	Tea Break	
15:45 - 16:15 pm	AI in molecular diagnostics	Dr. Swapnil Rane
16:15 - 16:30 pm	Concluding remarks	



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