

BEST OF ASCO®

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AMERICAN SOCIETY OF CLINICAL ONCOLOGY

BENGALURU, INDIA 2025



SHERATON GRAND BRIGADE GATEWAY, BENGALURU

23 AUGUST, 2025 | 09:00 AM - 02:00 PM



THEME:

DRIVING KNOWLEDGE TO ACTION: **BUILDING A BETTER FUTURE**

FOCUSED SESSION ON

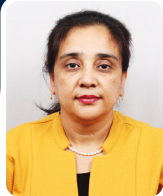
PRECISION ONCOLOGY AND PHARMACOGENOMICS

TOPIC: BREAKING BARRIERS IN CANCER CARE: WHERE GENOMICS & THERAPEUTICS MEET TO REDEFINE ONCOLOGY

WORKSHOP OVERVIEW

In the era of precision medicine, pharmacogenomics plays a critical role in personalizing cancer treatment by aligning a patient's genomic profile with targeted therapies. This workshop provides a translational view of how Next-Generation Sequencing (NGS) and Comprehensive Genomic Profiling (CGP) are reshaping oncology by identifying actionable mutations to guide clinical decisions. Featuring real-world case discussions and insights from a 1000-genome cohort study, participants will gain practical experience in variant interpretation and clinical annotation. The session concludes with a collaborative segment with Pharma partners, emphasizing how genomic data informs drug development and bridges the gap between molecular discovery and patient-centered therapy.

WORKSHOP SPEAKERS



Dr. Mithua Ghosh

Director,
Clinical Diagnostics & HOD
Molecular and Clinical Genomics,
Triesta Sciences



Dr. Priyank Tripathi

Clinical Pharmacologist,
Senior Manager,
Clinical Pharmacology,
HCG, Bangalore



Dr. Rahul Ramekar

Senior Research Scientist,
HCG, Bangalore

LEARNING OBJECTIVES

- Educate participants on the fundamentals and advanced clinical applications of genomics.
- Discuss key studies and facilitate clinician-led case-based panel discussions
- To demonstrate how genomic interpretation can lead to actionable insights for patient care.
- To foster the role of pharmacogenomics in drug development and precision medicine.
- Launch future workshop modules for continued education.

LEARNING OUTCOMES

- Understand the fundamentals of NGS and CGP in clinical oncology.
- Interpret genomic data and identify clinically actionable mutations.
- Apply key databases and guidelines for variant analysis and annotation.
- Evaluate real-world clinical cases to appreciate genomics-driven treatment decisions.
- Recognize the role of pharmacogenomics in targeted therapy development.
- Explore future directions in precision oncology and drug discovery.

SESSION MODULE TOPICS

- **Session 1:** NGS; CGP Fundamental and Key Genomic Publications.
- **Session 2:** Clinical Case Panel (Moderator & Physicians)
(Tentative based on the availability)
- **Session 3:** Genomic Data Analysis & Interpretation.
- **Session 4:** Pharma Perspective and Case Studies.
- **Session 5:** Pharmacogenomics: Future Perspective.
- **Session 6:** Closing & Future Modules Launch.

₹ 1000/-

LIMITED SEATS ONLY!

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ABSTRACT NOW



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