



F-1 WORKSHOP: APCON 2025

TOPIC - "Unveiling Breast Cancer: Morphology To Molecular "

MODERATORS - DR NITA KHURANA AND DR REENA TOMAR

Time Slot	Topic	Speaker
9:30 – 9:35 AM	Welcome & Introduction - Brief overview of objectives and structure	Dr. Nita Khurana
9:35 – 10:05 AM	Benign Breast Lesions: Patterns, Pitfalls, and Mimickers - Common benign entities - Key diagnostic traps - Distinguishing mimickers of atypia and malignancy	Dr. Milind Bhatkule
10:05 – 10:35 AM	Premalignant Breast Lesions: Morphologic Spectrum and Diagnostic Challenges - Atypical ductal and lobular proliferations (ADH, ALH, LCIS, DCIS) - Columnar cell lesions (CCC, CCH, FEA) - Borderline cases	Dr. Nita Khurana
10:35 – 11:05 AM	Invasive Breast Carcinomas: Morphologic and Molecular Classification of Breast Cancer - Common and rare subtypes - Grading - Intrinsic subtypes (Luminal A/B, HER2-enriched, basal-like)	Dr. Reena Tomar
11:05 – 11:20 AM	Tea Break	
11:20 – 11:50 AM	Biomarkers in Breast Cancer - Reporting of ER/PR/HER2, Ki-67, PD-L1, TILs, and clinical relevance - New CAP guidelines for reporting HER2 low and ultralow IHC patterns and clinical relevance	Dr. Sandeep Mathur
11:50 – 12:20 PM	Techniques in Molecular Testing: FISH, NGS & More - FISHing in breast cancer: case-based discussion using CAP guidelines for reporting HER2 FISH - NGS in breast cancer: technical tips for setting of platforms, and limitations in breast specimens	Dr. Chanchal Rana
12:20 – 12:50 PM	Genomic Profiling in Breast Cancer: What, When & How - Role of Oncotype, Mammprint, etc., in predicting prognosis and response - NGS testing for somatic mutations, TMB, etc. for precision oncology - Germline testing for hereditary breast cancers - Liquid biopsy and ctDNA: indications and	Dr. Anupma Nayak



	limitations	
12:50 – 1:00 PM	Q & A, wrap up	All speakers
1:00 – 2:00 PM	Lunch & Networking	
2:00 – 3:00 PM	Slide Seminar - Interesting breast cases from benign to advanced carcinoma with emphasis on diagnostic clues, IHC selection, and reporting tips	Dr. Anupma Nayak
3.00-4.00 PM	Hands-on Glass Slide Viewing under the Microscope	
4.00-4.15 PM	Post workshop quiz	Dr. Reena Tomar
4.15 – 4.20 PM	Closing remarks and Expression of Gratitude	Dr. Nita Khurana

Target Audience

- Postgraduates and Senior Residents
- Faculty and Fellows

Learning Outcomes

- Develop proficiency in diagnosing the entire spectrum of breast lesions
- Identify and avoid common diagnostic pitfalls
- Understand recent molecular trends and emerging tools in precision pathology
- Gain practical skills and motivation for academic and research growth in breast pathology

Faculty: -

Dr. Nita Khurana – Director Professor and HOD , MAMC, Delhi

Dr. Reena Tomar – Professor, MAMC, Delhi

Dr. Anupma Nayak – Associate Professor, Director, Breast Pathology Fellowship Program, University of Pennsylvania, Philadelphia, USA

Dr. Sandeep Mathur – Professor, AIIMS Delhi

Dr. Chanchal Rana – Additional Professor, KGMU Lucknow

Dr. Milind Bhatkule – Additional Professor, AIIMS Nagpur