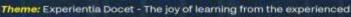


Bangalore

Bangalore Medical College & Research Institute in association with

Karnataka Chapter of Indian Association of Pathologists and Microbiologists

51ST ANNUAL STATE CONFERENCE KAPCON 2025







WORKSHOP-16 MOLECULAR PATHOLOGY- EXPERIENCE HANDS ON TRAINING AND **LEARNING**

The workshop aims on providing hands on experience on:

- Performing DNA extraction, PCR, gel run and its interpretation.
- Demonstration of real time PCR and training on interpretation of BCR: ABL, Q PCR data.
- Demonstration of automated DNA extraction.
- Interpretation of data on various PCR, in different disorders.

VENUE: BMCRI, Victoria hospital campus, New OPD Building 6th floor.

DURATION: 8.30 AM TO 6.00 PM

TARGET AUDIENCE: Post graduates and Consultants

PARTICIPANTS: 30 Delegates

8:30am to 9am	Registration and briefing on procedures.
9am to 9:30am	1 st lecture, DNA extraction, reagent, procedure, kits, conventional method.
9:30am to 11:30am	DNA extraction.
11:30am to 11:40am	Tea break.
11:40 to 12.10pm	2 nd Lecture: Nanodrop and Qubit analysis of DNA quality, master mix and primer.
12.10pm to 12.45 pm	Checking the DNA Quality on Nanodrop and Qubit
12:45pm to 1:15pm	Setting up for PCR.
1:15pm to 2pm	Lunch.
2pm to 2:30pm	Read time PCR, demo and analysis of data of BCR:ABL.
2:30pm to 3pm	Automated extraction demonstration
3pm to 3:30pm	Gel preparation and loading of PCR products with ladder.
3:30pm to 4:30pm	Data interpretation of PCR products on Geldoc.
4:30pm to 5.00pm	3 rd Lecture: HGVS nomenclature.
5.00 pm to 5:30pm	Various clinical reports interpretation.
5:30pm to 5:45pm	Q & A, & closing remarks with high tea.
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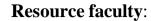
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Dr Ashwini B R Associate Professor Department of Pathology BMCRI



Dr. Prabhu Meghanathan Director and Consultant Surgical Pathologist Hybirnomics Life Sciences and Diagnostics.

