

13th February 2025

Thursday

Workshop on Droplet Digital PCR (ddPCR) Pre-conference Workshop - 13th February, 9:00AM to 5:00PM

Venue: Conference Hall, 7th Floor, A-Block, Ranipet Campus

Coordinators: Dr. Poonkuzhali B, Dr. Soma Pradhan and Dr. Jesina Samuel

Faculty: Dr. Rekha Pai, Dr. Poonkuzhali B, Dr. Sushant Vinarkar and Dr. Prisca Santhanam

Timings	Topic
09:00AM - 09:15AM	Welcome and Introduction of Participants, Faculty and Coordinators
Session I - Introduction to ddPCR	
09:15AM - 10:00 AM	Droplet Digital PCR: The Next Generation Tool in Molecular Biology <i>Ajay-Deepak Baskaran, Bio-Rad Laboratories</i>
10:00AM - 10:15AM	Coffee Break
Session II - Hands-on and Analysis	
10:15AM - 12:15PM	Demonstration and Hands-on Time for Setting up the Reaction - 2 groups BCR::ABL or Drop-off ddPCR/an Assay for CNV(CDKN2A/B Homozygous BD Heterozygous Deletion) <i>Mrs. Selvi & Mr. Dhananjayan</i>
12:15PM - 12:55PM	QX Manager Software Overview and Data Analysis Demonstration <i>Ajay-Deepak Baskaran, Bio-Rad Laboratories</i>
12:55PM - 01:15PM	Recent Advancements in ddPCR and CTCs Analysis <i>Akhil Gupta, Bio-Rad Laboratories</i>
01:15PM - 02:00PM	Lunch
Session III - Clinical Applications	
02:00PM - 02:30PM	Applications in Myeloid Neoplasms <i>Dr. Poonkuzhali B. CMC Vellore</i>
02:30PM - 03:15PM	Application of ddPCR in Solid Tumor Diagnostics <i>Dr. Rekha Pai, Mol.Path, CMC Vellore</i>
03:15PM - 03:45PM	MRD Assessment in AML Using ddPCR <i>Dr. Sushant Vinarkar, TMC Kolkata</i>
03:45PM - 04:30PM	ddPCR: Application in Detection of Circulating Tumor DNA <i>Dr. Prisca Santhanam, Mol.Path, CMC Vellore</i>
04:30PM - 05:00PM	Closing, Questions and Tea