

NATIONAL WORKSHOP -2023

‘HANDS-ON FLOWCYTOMETRY – LEARNING BY DOING’

AT SRI CHAMUNDESHWARI MEDICAL COLLEGE, HOSPITAL & RESEARCH INSTITUTE

The Department of Pathology organized and conducted National workshop on 22nd & 23rd December 2023 at MEU Hall, SCMCH &RI in association with Karnataka Chapter – IAPM and Hybrinomics Life Science and Diagnostics, Bengaluru.

Program commenced with welcome address by Dr.Vamseedhar Annam, organizing chairperson and followed by introduction of speakers by Dr.Siddegowda MS, organizing secretary. Dr.Pravin.G.U, Principal and Dr.Roshan Kumar, Medical Superintendent addressed the delegates and guest speakers.

The program sessions started with lecture sessions on introduction and demonstration about flow cytometry by Dr.Sanjay Mallik, Flow Research Scientist, Hybrinomics Life Science and Diagnostics & Mr.Badrinath, Thermoscientific New Delhi.

Day-1: Hands on training related to fluorochromes, flow cytometry reagents, sample preparation, staining, threshold, spillover and compensation was conducted by Dr.Prabhu Meganathan, Lab. Director, HLSD. Later hands on sample preparation 4-colour staining of whole blood and data acquisition was conducted by all the speakers mentioned above.

Day-2: Lecture sessions on titration, panel design and optimization was given by Dr.Sanjay Mallik, Flow Research Scientist, Hybrinomics Life Science and Diagnostics &

Mr.Badrinath, Thermoscientific New Delhi. Hands on training related to sample preparation for titration and multicolor along with Sample acquisition Titration experiment was conducted by Dr.Prabhu Meganathan, Lab. Director, HLSD.

Multicolor data acquisition, data analysis, discussion and conclusion was conducted by all the speakers.

Approach to Immunophenotyping in Acute Leukaemia, clinical cases and algorithm was done systematically by Dr.Madhumati DS, Hematopathologist, Aster Lab., Bengaluru.

A total of 34 delegates registered and attended the program.

Karnataka Medical Council has allotted 2+2 credit hours for the workshop.

Dr.Lakshminarayana SA was nominated as KMC observer for the workshop by the KMC.

Program concluded with felicitation of the Guest speakers.

