



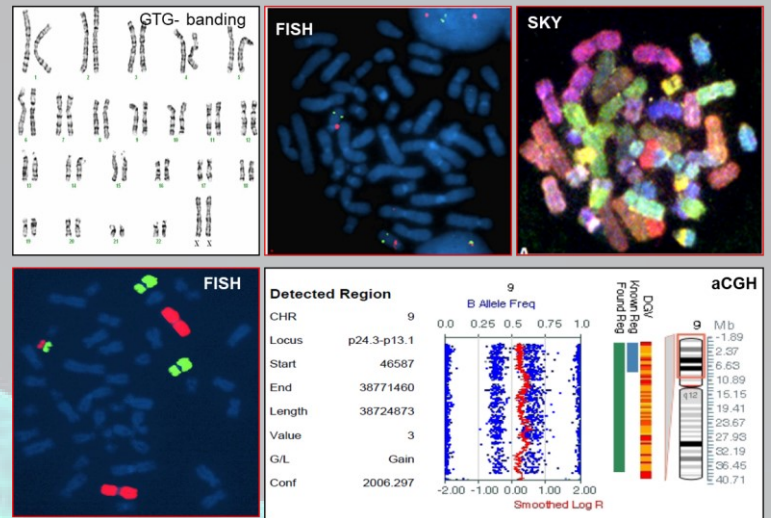
Hands-on workshop on

Clinical Applications of Cytogenetics and Molecular Cytogenetics

22 - 27th August 2022

Centre for DNA Fingerprinting and Diagnostics, Hyderabad

Cytogenetics is still a gold-standard technique to identify the numerical and structural chromosomal abnormalities in this era of next-generation sequencing. It provides a low resolution of the entire genome. The resolution has improved through the advent of molecular cytogenetic techniques. Molecular cytogenetics techniques like Fluorescence *in-situ* hybridization (FISH) and Microarray CGH have evolved as powerful diagnostics tools for identifying genomic rearrangements.



This workshop aims to introduce methods and hands-on experience for diagnosis of chromosomal disorders using cytogenetics, FISH and microarray techniques

HANDS-ON TRAINING IN

- Cytogenetics,
- FISH with single and dual-colour FISH probes (centromere, locus-specific, whole chromosome paint),
- Imaging and analysis
- Microarray data analyses
- Case-based discussions

WHO CAN APPLY?

Young Scientists,
Medical professionals, and
Students with
minimum qualification
of MSc/ MBBS

Last date for application:
20th July 2022

**Registration fee Rs 10000/-
(Rs 8000/- for students)**

Selection process: 25 participants
would be selected based on screening of
applications and writeup

CONTACT INFORMATION:

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