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DEPARTMENT OF ANATOMY

SRI LALITHAMBIGAI MEDICAL COLLEGE & HOSPITAL

Service Rd, Maduravoyal, Adayalampattu,
Chennai, Tamil Nadu 600095.

PRE-CONFERENCE WORKSHOP

Hands-On Quantitative Histology: From Micrometry to Sterology via ImageJ Fiji



DATE
26TH NOV 2026



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Meaningful quantification of microscopic 2D images—such as number density, volume, or length (for example, the length of a curved axon)—is often biased when using traditional micrometry approaches. In addition, inherent limitations of microtomy further compromise accuracy. Stereological methods, however, provide robust and unbiased strategies for deriving reliable 3D quantitative information from 2D images.



This workshop is designed to offer participants hands-on experience in the quantitative analysis of light microscopy images using ImageJ Fiji. It will introduce practical stereological approaches that enable accurate estimation of three-dimensional structural parameters from two-dimensional data.



The session aims to equip anatomists and researchers with essential tools and workflows to enhance the precision and reliability of their quantitative morphological analyses.



WORKSHOP REGISTRATION FEE ₹ 1500

REGISTRATION



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Hands-on Analysis
Using ImageJ Fiji



Learn Stereological
Principles & Tools



Convert 2D Images
to Reliable 3D Data



Improve Accuracy
in Quantitative
Histology

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