

Equipment List:

Tissue Processors:

ThermoFisher/Shandon Excelsior
Sakura Tissue-Tek VIP

Embedding Center:

Sakura Tissue-Tek TEC

Microtomes:

Reichert-Jung 2030
Microm HM 335E
Microm HM 355s (2)

Cryostats:

Microm HM 560
Microm HM 505E

Autostainers:

DAKO Autostainer Plus (IHC-2)
ThermoFisher/Shandon Varistain Gemini (H&E)

Microscopes:

Nikon Labophot-2 (2 headed)
Leica DM2500 (5 headed)
Leica DM 4000B (imaging scope)

Confocal Facility Instruments List

Leica SP-2 LSCM using an IRME platform,
Leica live-cell & Oko-labs CO2 live cell, 6-well plate chamber
Leica Upright fluorescent/brightfield microscope
Zeiss Palm Laser Dissection Microscope (PALM) using a Zeiss Axiovert platform
Zeiss stereomicroscope
Nikon inverted tissue culture microscope

Microtom Tissue sectioner (vibratome-like)
Canon i9900 high resolution printer for high quality prints
Cytospin cell concentrating centrifuge
CO2 Incubator

2 Cytotoxic fume hoods
Balances & misc. lab supplies
Specimen Preparation Equipment

Offline imaging station using MacPro desktop with a dual Quad-core Intel processor that runs the following programs:

Volocity 4.2 acquisition, analysis, and measurement component running on a HP6400 PC≥

Image J

IP Lab

Adobe Photoshop & Lightroom

Aperature 1.5

Final Cut Pro

Quicktime

Image Pro plus version 5.1 using Parallels for Windows platform switch.

And an HP6400 ??? processor running the following programs:

Leica Confocal Scanning (LCS) simulator with Deconvolution, 3D reconstruction, and spectral analysis/deconvolution software packages.

Image Pro plus 6.1 (ask for dongle)