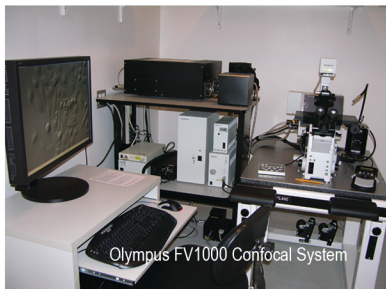


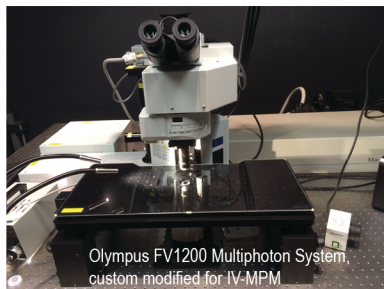
The Program in Cellular and Molecular Medicine (PCMM) at Children's Hospital operates a Microscopy Core with advanced instrumentation in Light and Electron Microscopy. While Electron Microscopy can provide the ultimate in resolution, modern Light Microscopy such as Confocal and Multiphoton has the advantage of imaging biochemical process in real time, shedding light on the vastly complex molecular world of cells and tissues. We operate a dedicated Multiphoton-Intravital Microscopy (MP-IVM) Facility, since the year 2000, on the second floor of the Warren Alpert Building at the Harvard Quad. We were the very first to provide MP-IVM service to Longwood area scientists since that time, with expertise training relevant to the experiment being pursued.

All of the microscopes at the PCMM Microscopy Core are shared equipment and are available to both internal and outside users. However, PCMM users are given priority.

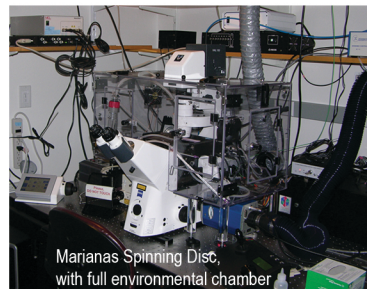
E q u i p m e n t



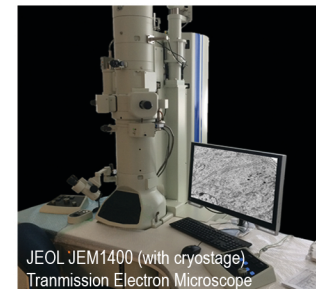
Olympus FV1000 Confocal System



Olympus FV1200 Multiphoton System,
custom modified for IV-MPM



Marianas Spinning Disc,
with full environmental chamber



JEOL JEM1400 (with cryostage),
Transmission Electron Microscope

Locations:

200 Longwood Ave, Boston, MA 02115;
3 Blackfan Circle, 3/F Boston, MA 02115.

Contact: Harry Leung - Core Manager

Email: harry.leung@childrens.harvard.edu

Phone: 617-713-8299

Web page: childrenshospital.corefacilities.org/service_center/show_external/3145