

Imaging

ABI will provide lens paper, ethanol, immersion oil, gas CO₂, and liquid CO₂.

- 4.1- Scanning Electron Microscope (SEM), sec SNE-4500M Plus (ABI 250)
 - Attachments:
 - Critical Point Dryer, Autosamdri-815, Series A
 - Energy Dispersive X-Ray Spectroscope, Bruker, SCU, Scan Generator (EDS, EDX, EDXS, XEDS)
 - SOTER™ condenser
 - Vacuum pump
 - Air compressor
 - Antivibration table
 - Computer workstation w/NanoEye and ESPRIT Compact software
- 4.2- Bioimager, Agilent/BioTek, Cytation 5 (ABI 247)
 - Attachments:
 - Controller for CO₂/O₂ gas
 - Computer workstation with Gen5 software
 - Spare computer workstation for data analyses
- 4.3- Upright microscope, Nikon, Eclipse E800 (ABI 247)
 - Attachments:
 - Roper Scientifics Camera, Photometrics, CoolSnap HQ
 - Computer workstation w/Nikon Elements software
- 4.4- Upright microscope, Leica, DMR-type:020-525.732 (ABI 250)
 - Attachment:
 - Digital camera, Leica, model DFC340 FX
- 4.5- Upright microscope w/infrared detection (Smiths Detection), Olympus, Illuminat IR II FL (ABI 247)
 - Attachments:
 - Smith's Detection adapter (Infrared), ILLUMINAT IR II FL, BX51TRF
 - Color View Camera
- 4.6- Upright microscope, Nikon, Eclipse E400 (ABI 250)

- 4.7- Upright microscope, Zeiss, Axioskop (ABI 247)
- 4.8- Upright microscope, Fisher Scientific, Micromaster (ABI 250)
- 4.9- Inverted microscope, Zeiss, AXIO Vert.A1 (ABI 247)
 - Attachments:
 - Fluorescence filters: DAPI, Hoescht Alexa Fluor 350 (375/460), EGFP, FITC, Cy2, Alexa Fluor 488 (480/535), TRITC, Cy3, TagRFP, Alexa Fluor 546 (540/605)
 - Microscope camera, Zeiss, AxioCam 305 mono
 - Computer workstation with Zeiss, ZEN software
- 4.10- Inverted microscope, Nikon, Eclipse TE2000u (T-DH) (ABI 247)
 - Attachments:
 - Nikon Digital DS-Qi1Mc camera (DS cooled camera head)
 - Nikon Digital DS-Fi2 color camera
 - Led light source X-Cite 120 LED (Lumen Dynamics Group Inc., Model XT120L)
 - Computer workstation w/Nikon Elements software
- 4.11- Inverted microscope, Zeiss, Axiovert 40C (ABI 250)
- 4.12- Inverted microscope, Amscope, IN300TC (ABI 250)
- 4.13- Dissection microscope, Zeiss, Stemi 2000-C (ABI 344)
 - Attachments:
 - Digital camera, Zeiss, ERc 5s
 - Cold light source, Zeiss, KL 1500 LCD (two flexible light guides)
- 4.14. Dissection microscope, Nikon, SMZ 1500 (P-BERG) (ABI 250)
 - Attachments:
 - Color digital camera, Scion Corporation D100, model CFW-1312C
 - Single arm boom stand (heavy base)
- 4.15. Dissection microscope, Leica, MZ6 (ABI 250)

Revision #6

Created 2025-09-12 18:22:29 UTC by Rodney Harris

Updated 2026-01-06 16:38:19 UTC by Rodney Harris