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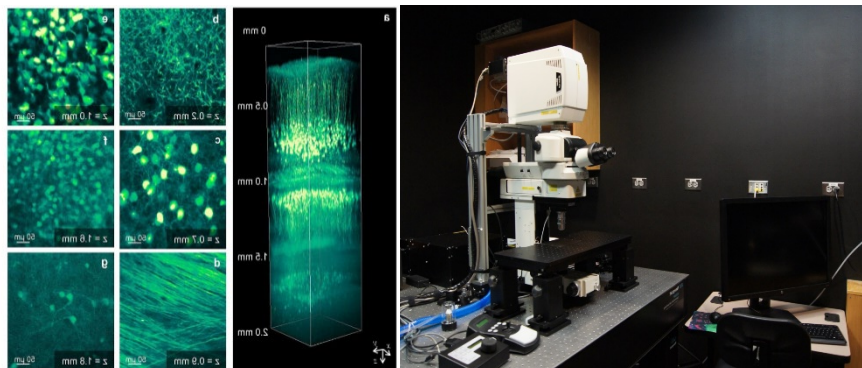
Website: <https://www.uab.edu/highresolutionimaging>

**Confocal, Light Microscopy, 3D Imaging, Nanosight, 2-Photon**

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**Super Resolution Imaging**

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**Transmission Electron Microscopy**

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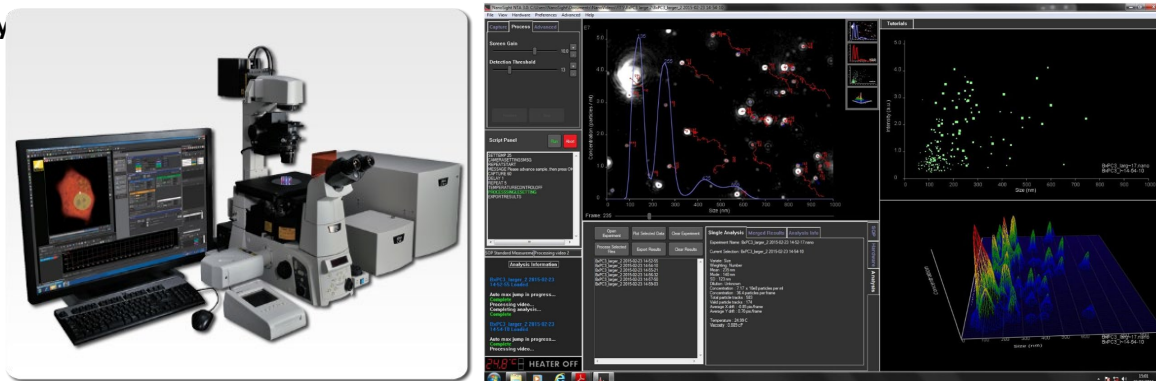
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**Scanning Electron Microscopy**

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**The High Resolution Imaging Facility or "HRIF" provides a variety of cutting edge microscopy services for UAB Scientists. Services the facility offer include:**

Assistance with protocol development and trouble shooting, Confocal laser scanning microscopy-Z-stack, 3D and timelapse of live cells, Multiphoton Live Animal Confocal Imaging. Nanosight NS300 for sub micron imaging of Exosomes and other particles., scanning electron microscopy(SEM), conventional transmission electron microscopy(TEM), Ca<sup>2+</sup> imaging, FRET (Acceptor Photobleaching)FRAP, Super Resolution Imaging, Nikon SIM and STORM, digital microscopy equipment configured with Nis Elements Data Analysis software, and 3D image processing programs.

**The facility is staffed by experienced technical specialists who are able to offer assistance at each stage of an imaging experiment.**