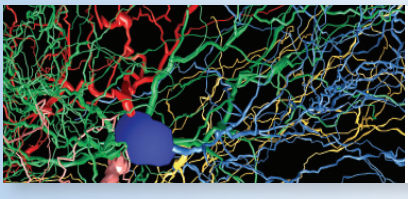
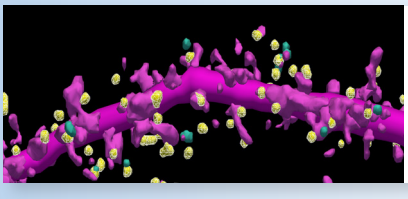
A Rich History of Creating the Future of Neuroscience



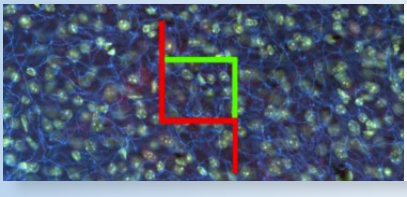
Neurolucida®

- Neuron tracing & analysis directly on the microscope
- Quantifies neuronal morphology — thousands of analysis metrics
- Controls microscope hardware to work directly with specimens slides, or with images



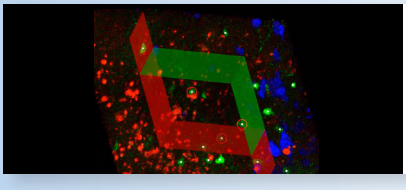
Neurolucida® 360

- The most advanced software for automatic neuron reconstruction from images
- Automatically quantifies neuronal morphology of Golgi, ExM, filled, transgenics, etc.
- Automatically detects dendritic spines, synapses, and varicosities. Thousands of metrics



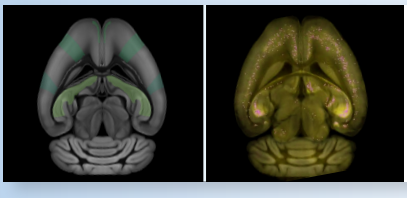
Stereo Investigator®

- The complete stereology solution — the gold standard for unbiased cell counting
- Quantifies number, length, volume and surface area of cells, structures, and regions
- Controls microscope hardware to work directly with specimens, or with images



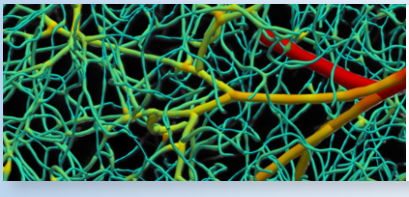
Stereo Investigator® AI

- Automated stereology using artificial intelligence algorithms
- Automatic, accurate, unbiased, high-throughput cell quantification in histological specimens



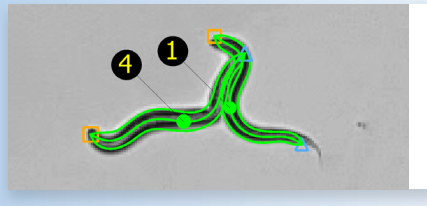
NeuroInfo®

- Automatically registers whole brain images or serial sections to standardized atlases
- Integrates with the Allen Mouse Brain Atlas and Waxholm Rat Brain Atlases
- Detects and maps cell distributions within brain regions



Vesselucida® 360

- Automatic 3D microvasculature reconstruction and analysis
- Automatically quantifies vascular morphology and topology



WormLab®

- A complete system for imaging, tracking, and analyzing *C. elegans*
- Tracks single and multiple worms even through entanglements, omega bends, and reversals
- Stimulus control for optogenetics

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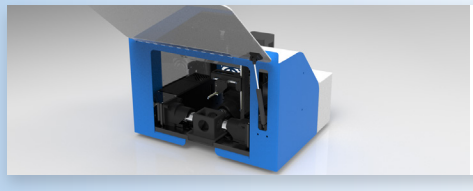
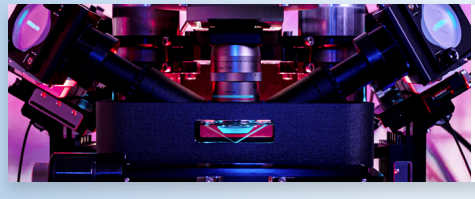


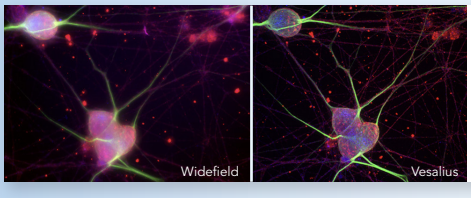
SLICE light sheet microscope

- Cost effective, highly-innovative light sheet microscope
- High-quality imaging of cleared mouse brain specimens



ClearScope® light sheet microscope

- Ground-breaking light sheet theta microscope system for cleared tissue specimens
- High-resolution imaging cleared specimens of all sizes, from mouse brains to human brains

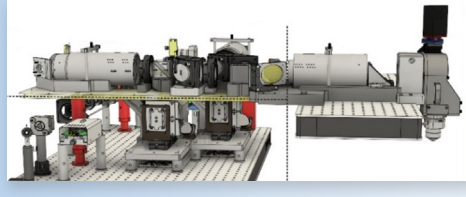


Vesalius® spinning disc microscope

- Versatile, cost-effective system for multi-channel 2D and 3D whole slide imaging of large tissue specimens, including mouse, marmoset, non-human primate, and human sections

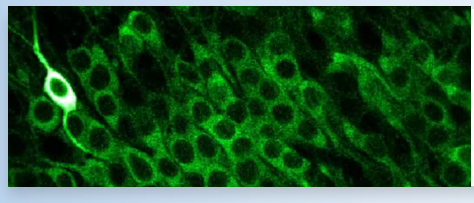
FP3002 fiber photometry system

- Study neural activity with unprecedented precision and accuracy
- 3 excitation wavelengths for simultaneous dual-color imaging and motion control
- Ability to record from up to 8 regions in freely-moving animals



SLAP2 two-photon microscope

- Revolutionary 2-photon microscope for imaging neuronal activity at kilohertz speeds
- Records thousands of targets at >2kHz each
- Designed for synaptic imaging in vivo



ScanImage®

- Software for creating customized 2-photon imaging experiments of any complexity
- Compatible with custom-built microscopes or commercial systems from Scientifica, Sutter, Prospective Instruments, Thorlabs, and others

vDAQ™

- An all-in-one data acquisition card that works with ScanImage to control 2-photon microscopes and simplify experimental setups
- Control galvos, resonant scanners, Pockels cells, piezo objective positioners, shutters, and numerous other microscope devices

Rapid Multi Region Scanner (RMR)

- Increases 2-photon scanning speed by fusing resonant scanning with galvo scanning
- Selectively scans multiple regions of interest simultaneously in 2D and 3D for unprecedented speed and flexibility

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