



NeuroLucida® 360 software

Release Notes

Version 2021.1.1

NEW FEATURES AND ENHANCEMENTS

- Added support for automatic z-alignment and using image names in the Image Montage tool
- Improved puncta detection
- Improved speed when tree segments are classified
- Added the ability to clip tracings on slices
- Updated the Partition Contour window
- Added more options for selecting markers, contours, or vessels with the new Freehand Selection tools.
- Updated tooltips that display when hovering on buttons and tools
- Tracing with partial projection will automove the image through z
- Updated the Illumination Correction tool
- Updated how to access .blc files
- Default image-save format is now .xml
- Improved file support for the channel panel
- Improved merge function for puncta editing

SPARC Users

- New Import 3D model tool to import and visualize generic organ scaffolds right in the 3D environment.
- Users can now keep the original color when linking to SciCrunch database
- Added a Link Terms exit button
- Added ability to name sets with the SciCrunch term-list
- Associate Link Terms to cell body contours
- Increased the number of results from SciCrunch term-list searches
- Associated terms are shown in the link terms window
- Users can now load multiple term lists into the term-verification window
- New muscle fiber segmentation tool

ISSUES RESOLVED

NeuroLucida 360 3D environment

- Fixed the 3D scalebar display on a subvolume
- Editing markers in the 3D window is linked to 2D marker bar
- Adjusting the transparency respects only the object selected in quad view
- Fixed issue with using the tab key to navigate in the soma tool panel
- Fixed crash that occurred when connecting to a point that was previously a node
- Marquee select respects tree classifications
- Improved large image support for spine detection
- 3D axes now display in the 3D window in Quad view

- Resolved issue with subvolume clip tracing

Neurolucida 360 overall

- Updated help links
- .dcm files are opened only with the MRI module
- Improved image support for the Image Filter
- Puncta detection is enabled for the Studio software package