NeuroInfo®
Release Notes

VERSION 2024.1.1 (AUGUST 2024)

NEW FEATURES AND ENHANCEMENTS

- Newly reimagined user interface to improve efficiency and usability of the section and volume registration processes
- New Atlas Constrained Section Registration improves anatomical region continuity throughout a serial sectioned brain
- Better integration with the Allen Mouse Brain Common Coordinate Framework (CCF) for improved registration and visualization of brain regions
- Improved Nonlinear registration algorithms
- Three-dimensional visualization can now eliminate edge artifacts at the surfaces of brain volumes
- Image montage tool assembles overlapping fields of view while minimizing seaming artifacts and uneven illumination
- New image filters in our multi-image processing pipeline combine HDR image sets and filter expansion microscopy specimens to improve analyses
- Improvements to the movie tool make generating and viewing movies faster for large data sets and image volumes
- New "Go-to" buttons make it easy to apply listed transforms quickly
- Slide scans from MBF Bioscience image-acquisition systems can now be directly compiled in NeuroInfo

ISSUES RESOLVED

- Improved support for image file formats
- Fixed the radius text field in the *Map Experiment to Atlas* tool
- Load and Save Transform options are now available after a new file is created