



Version 2026.1.1 (May 2026)

NEW FEATURES AND ENHANCEMENTS

Image Handling

- Image stacks now open at the middle plane by default
 - There is a new Preference setting to revert to opening images at the top plane
- Image adjustments set using the histogram are preserved when exporting a stack from the Serial Section Assembler workflow
- New capability to open OME-Zarr images
- New Python RELP plugin enables your custom Python scripts direct access to NeuroInfo image data

Registration

- Updated and improved developmental mouse atlases (devCCF and epDev)
- New option to synchronize related experimental and atlas views in registration mode
- You can now control the z depth of clipping traced structures such as automatically detected cells and mapped brain regions
- Tree structures traced in NeuroLucida 360 can now be visualized in registered images
- New snapshot feature in registration view
- Standardized the report formats in Analysis and Map Experiment to Atlas

Movie updates

- New Flight Mode enables movies created in first-person perspective
- Choose the color channel to display on a per clip basis
- Two new export resolution modes to create higher resolution movie outputs based on computer hardware
 - High Quality: Export the highest possible resolution based on available GPU memory
 - Max Quality: Export the maximum resolution by attempting to use additional memory
- Added a progress bar to report image loading and video export

Cell Detection

- New AI core enables faster automated cell detections using neural networks
- New descriptions provide more information about neural networks

ISSUES RESOLVED

- The current brain-region label is displayed in registration view
- Fixed an issue that occurred when changing the image color while using the Serial Section Assembler workflow
- Resolved an issue with volume report when no markers are present in the region
- Fixed issue with flipped outlines with CZI in SSA workflow

Version 2025.1.5 (March 2026)

ISSUES RESOLVED

- Fixed an issue with oversaturation of atlas-image display in the registration window
- Brain orientation labels in the registration view will update when the calibration is changed
- Resolved an issue with the Ortho View display

Version 2025.1.4 (February 2026)

ISSUES RESOLVED

- Fixed an issue with the Analysis report for average channel intensity per region, regardless of whether markers are present in the region
- Resolved an issue where markers were displayed on the incorrect section when using the Serial Section Manager

Version 2025.1.3 (January 2026)

NEW FEATURES AND ENHANCEMENTS

- Exiting the Serial Section Assembler workflow will close any images that were open in the workflow
- In Section Registration mode, 2D images are now supported in the Experimental Slice view

ISSUES RESOLVED

- Fixed a crash that occurred when setting up a new data file after closing the Serial Section Assembler workflow
- Resolved an issue with selecting markers at different z levels

Version 2025.1.1 (November 2025)

NEW FEATURES AND ENHANCEMENTS

- New Map to Intermediate option is available after completing Section Registration using Atlas-constrained registration to create a brain image volume registration that can be further refined for better precision using the Register Volume tools
- New Nonlinear Registration options added provide better results and more control of the parameters used
- Calibration and transform information from image registration are now stored with the data file
- Additional tools and information in the Calibration panel:
 - Atlas names now include the species, version, and section spacing
 - Activate an updated or different brain atlas to modify the transforms from a previous registration
- Improvements to the Tone Mapping filter
- New marker density visualization surface option added to the 3D Visualization window
- Large image and data file handling are now faster and more robust
- Improvements and updates to the Movie mode interface have been implemented
- The Gerfen Nissl Mouse Atlas has been updated to version 2