MicroDynamix™ software
Release Notes

VERSION 2024.1.1

NEW FEATURES AND ENHANCEMENTS

- Updated user interface for easier navigation
- Improved navigation through experimental timepoints, with new icons for Previous Image/Next Image and Previous Image Pair/Next Image Pair
- You can now place markers and associate them with each other
- New quantitative analyses including:
  - Dendritic length
  - Spine count
  - XYZ coordinates of spines
  - Marker change ratio
- Improved data export; you can now export all analyses at once to Excel or CSV format
- Image filters, including an in vivo specific filter, are now available through the new Batch Pipeline
- Updated image processing and image-handling engines that greatly increase the speed of loading, viewing, and saving images
- Easier software authorization: MicroDynamix autofills the online Authorization Request Form with information about your computer system. Just add information about you and your lab to submit the form
- Floating licenses are now available that enable you to use Microdynamix on more than one computer

ISSUES RESOLVED

- Fixed a crash that occurred after clicking Next Image/Previous Image when only one image is displayed
- Fixed crashing that sometimes occurred when deleting timepoints
  - Timepoints with detected spines can be deleted
  - Can now delete timepoints within the image-selection dialog
- Fixed crashing that sometimes occurred when creating new files
  - Image files now load properly after creating new file
  - Analysis window closes after creating a new file