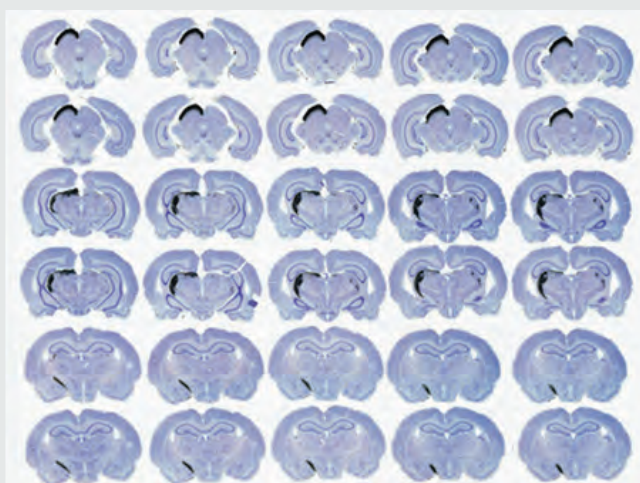


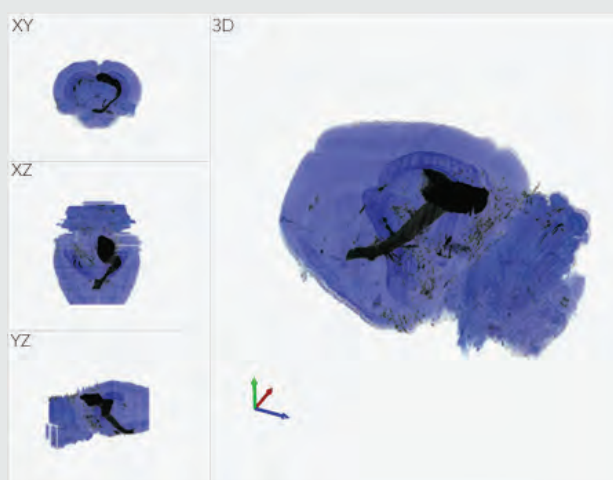
BrainMaker automatically creates full-resolution 3D reconstructions of the entire brain (or any organ) from serial sections of whole slide images. It allows you to easily view cells, structures, and lesions. Simply load high resolution images of serial sections acquired from a slide scanner or research microscope, then let the software do the work of automatically aligning and reconstructing them.

With just a glance, you can locate neurons expressing a particular gene or visualize axonal projections of specific neurons with full anatomical context.

Go from this



To this



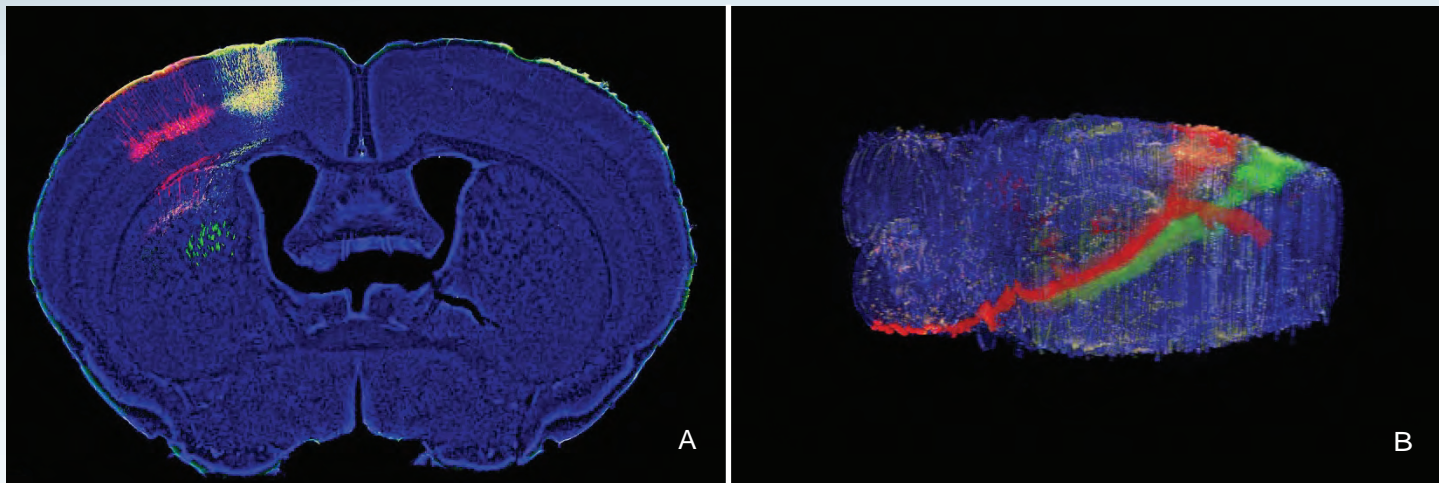
Minimum intensity projections of a 3D Nile rat brain registered and compiled from serial sections using BrainMaker. Blue represents Giemsa staining and black is neuronal tracer cholera toxin B.

Use BrainMaker to assist with cell mapping, cytoarchitectonics, and other measures that require visualizing neuronal circuitry to create a comprehensive anatomical reference.



BrainMaker®

Automatically Align Sections to Visualize Brains in 3D



A maximum intensity projection (A) and individual serial section (B) from a fully-sectioned mouse brain. Sections were segmented, registered, and compiled into a full-resolution 3D volume in BrainMaker. Blue is Nissl staining; red, green, and yellow are AAV-Cre dependent tdTomato, GFP, and FLAG, respectively.

We offer both a free evaluation and a free trial copy of BrainMaker. During your trial, you'll also have the opportunity to talk to us about your hardware, software, or experimental design questions with our team of Ph.D. neuroscientists and experts in microscopy, neuron tracing, and image processing.

Request a free trial: mbfbioscience.com/brainmaker-free-trial



About MBF Bioscience

A rich history of creating the future of neuroscience.

MBF Bioscience develops advanced tools for collecting and analyzing accurate, reproducible data from histological specimens, 2D and 3D microscope images, and freely moving *C. elegans* so that scientists can better understand brain diseases and processes at a cellular level.

Our products have helped researchers publish over 15,000 peer reviewed papers.

What our customers say

“ MBF Bioscience is extremely responsive to the needs of scientists and is genuinely interested in helping all of us in science do the best job we can.

Sigrid Veasey, M.D.
University of Pennsylvania

“ We've been very happy for many years with MBF products and the course of upgrades and improvements. Your service department is outstanding.

William E. Armstrong, Ph.D.
University of Tennessee

