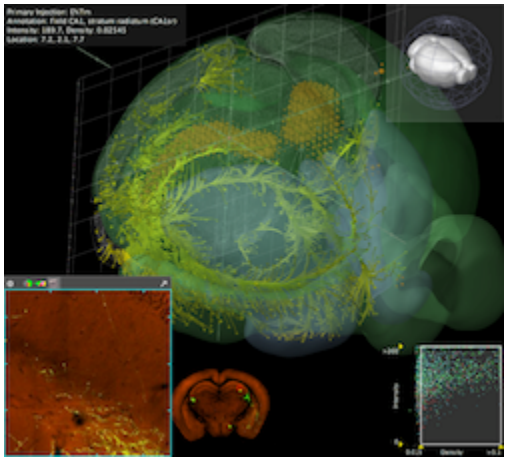
Allen Brain Explorer

ALLEN BRAIN EXPLORER

Overview

The **Allen Brain Explorer** (beta) is an application that allows users to browse multimodal datasets in an annotated 3D spatial framework. This new application is an integrated web-based navigator, allowing users to explore the Allen Mouse Brain Connectivity Atlas projection data and Allen Reference Atlas (ARA) in a standardized coordinate space.

The **Brain Explorer 2** software is a desktop application for viewing the Allen Mouse Brain Connectivity Atlas projection data and the Allen Mouse Brain Atlas gene expression data in the framework of the Allen Reference Atlas (ARA). **This downloadable software will be discontinued in 2019, as improved functionality and new features will be available via the integrated web-based platform. Updates to this software will be discontinued after that time.**



Using the **Brain Explorer 2** software, users can:

- View a fully interactive version of the ARA in 3D.
- View projection and gene expression data in 3D at 200 m^3 resolution.
- View projection and expression data from multiple image series superimposed on each other in 3D.
- Navigate the high-resolution 2D projection and ISH images using the 3D model.
- Link to associated specimen and experimental metadata in the Allen Mouse Brain Atlas and Connectivity web applications.

Detailed User Guides

- Allen Mouse Brain Atlas
- Developing Mouse Brain Atlas
- Human Brain Atlas
- Mouse Brain Connectivity Atlas
- Allen Brain Explorer (beta): User Guide