

Zeiss Images Opened With ImageJ

1. Download and unzip file as per Using PHPfileNavigator protocol.
2. Open ImageJ.
3. In ImageJ: **File ---> Open**
4. Select unzipped file folder you wish to open and click to open it.
5. Click to open folder with .mdb file name
6. Click to open up the **.ism** file you want. You will see a slider or sliders under the single color image. The "C" slider when moved will show you each color. If the image is Z stacked you will see a "Z" below that with a slider that will move through each slice.
7. To merge colors to create a multi-colored image:
In menu bar: **Image ---> Color --->Make Composite.**
8. To create a maximum intensity projection image of Z.
In menu bar: **Image ---> Stacks ---> Z Project ---> Start slice selected, Stop slice selected will generally be first and last slice in image. Projection Type : Maximum Intensity Projection. Click OK.**

9. To have a multi-colored image of each slice. Have the composite 3 color image selected.

First you must create an RGB Image:

In Menu Bar: **Image ---> Type ---> RGB Color ---> In convert to RGB box make sure Slices and Keep Source boxes are selected. Click OK.**

To now get a multi-color image of each slice.

Make sure you have the RGB image you just created selected.

In Menu Bar: **Image ---> Stacks ---> Stack To Images.**

Images created can all be saved as .jpg or .tif and exported to PowerPoint or PhotoShop.