



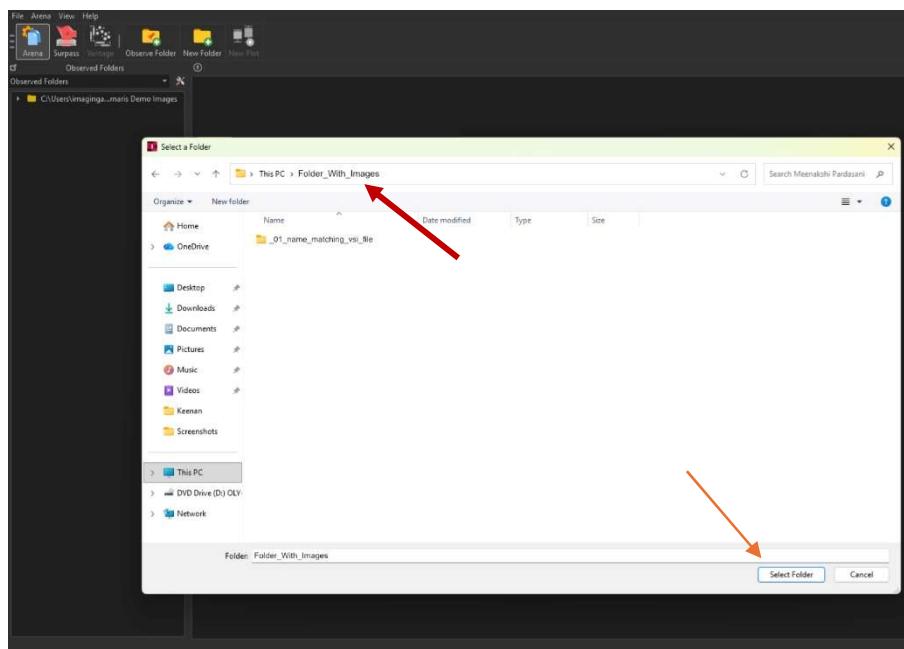
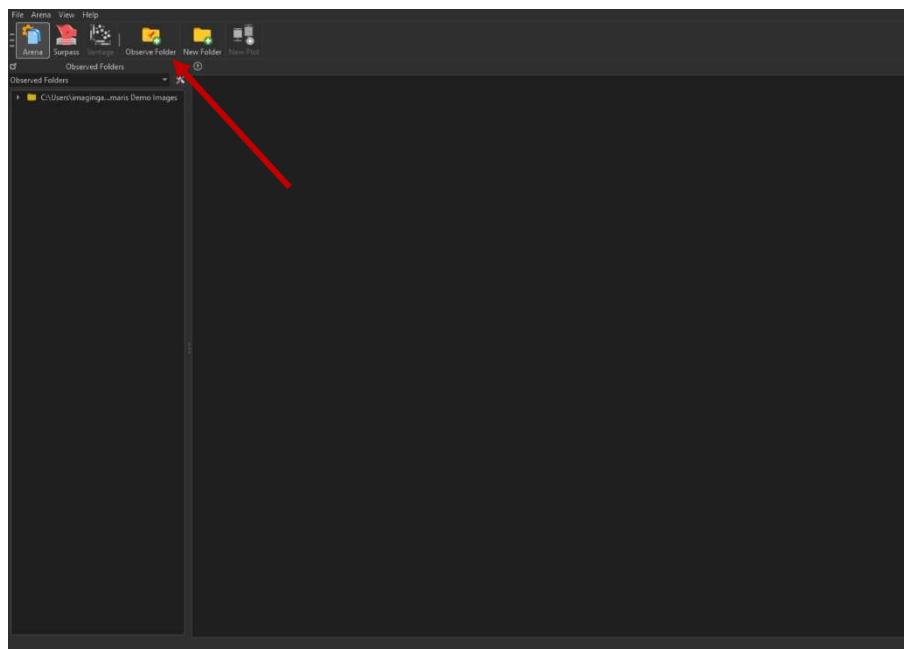
Importing .vsi files (from VS200 slide scanner) into different analysis programs

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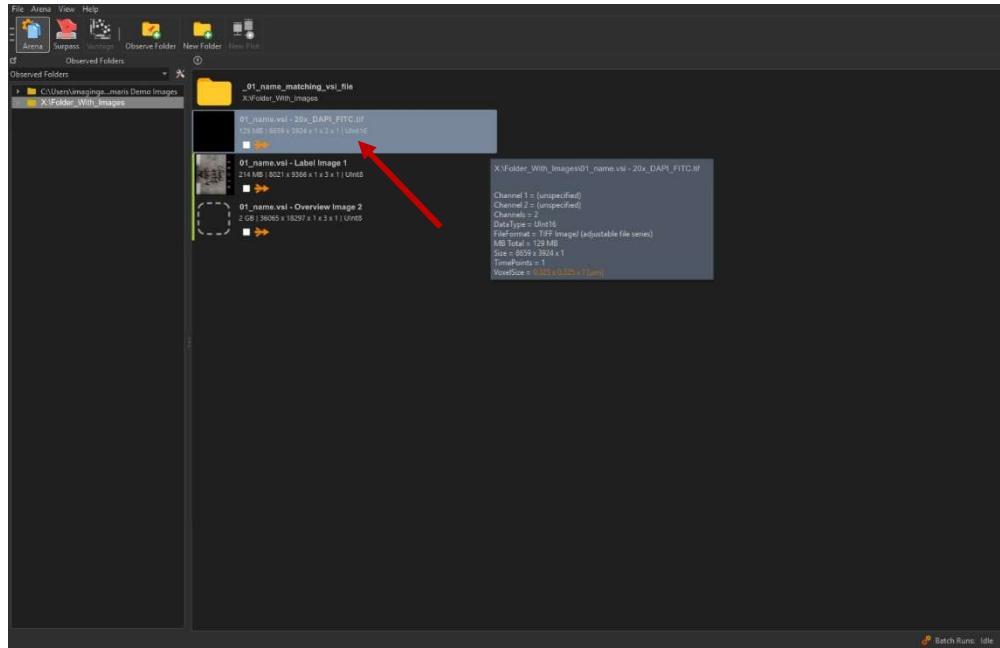
Importing .vsi files into Imaris

1. In Imaris, click the *Observe Folder* button and select your folder.
 - a. Make sure that this folder contains the .vsi file and the associated same-name folder with more images.



2. After selecting the folder with your images in it, the image files should show up in the Imaris app with small thumbnails showing the images. Find the image file whose thumbnail and/or name

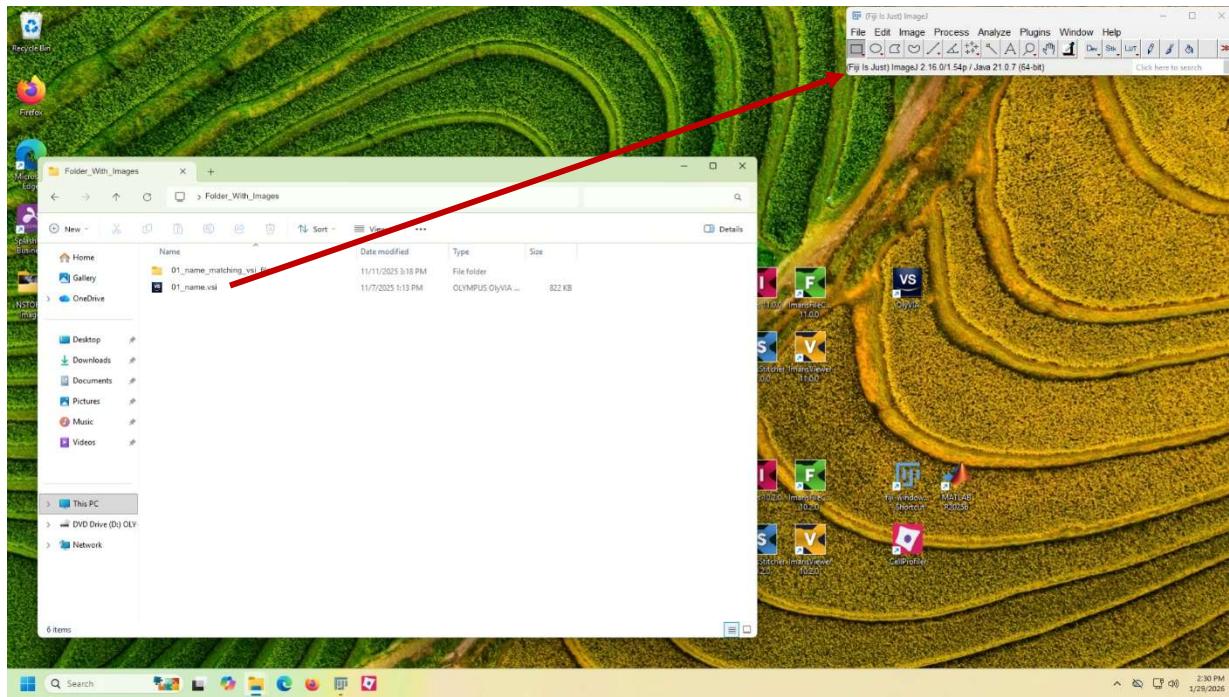
matches your desired image (i.e., 01_name.vsi – 20x_DAPI_FITC). Double-click this file to copy the file and convert it to the Imaris (.ims) format.



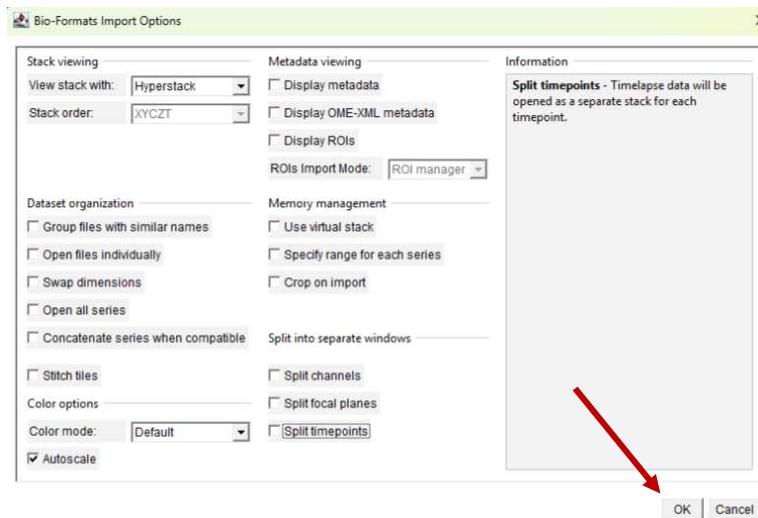
3. Once the file has copied and converted, you can double-click it again to open the image for viewing or analysis.

Importing .vsi files into Aivia

1. Open FIJI/ImageJ. Drag and drop your .vsi image file into the FIJI/ImageJ bar.
 - a. Note: This will only work if your version of ImageJ has the Bio-Formats Importer plug-in. This plug-in comes with the FIJI version of the software.

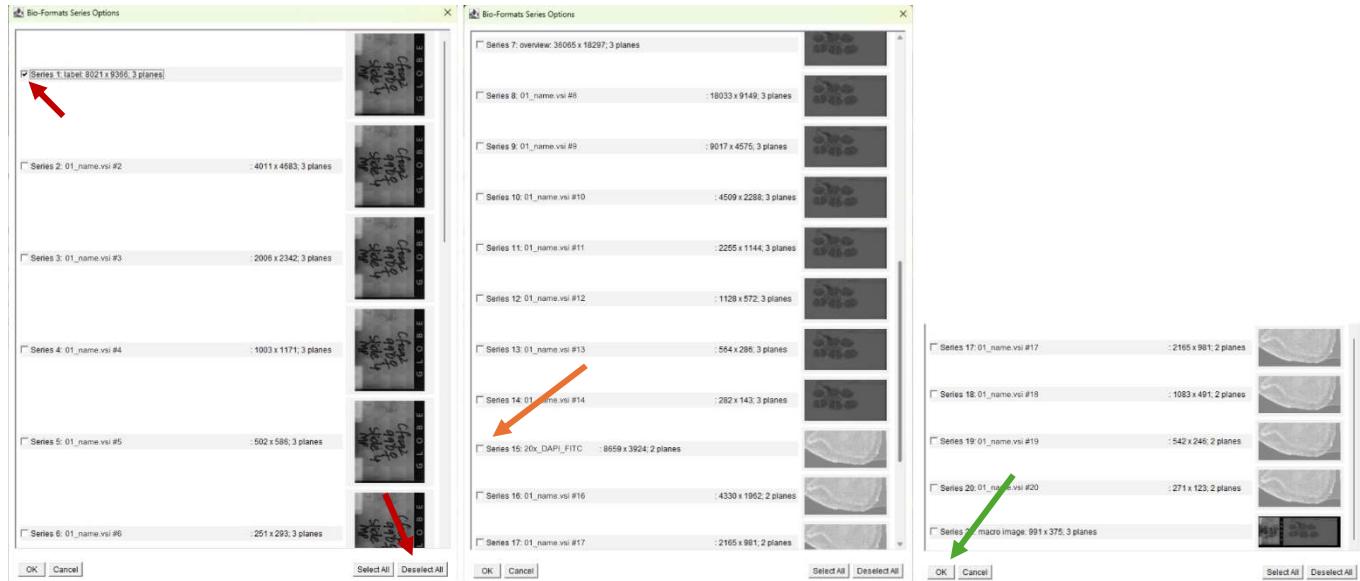


2. This should cause a *Bio-Formats Importer Options* window to open. Click OK.

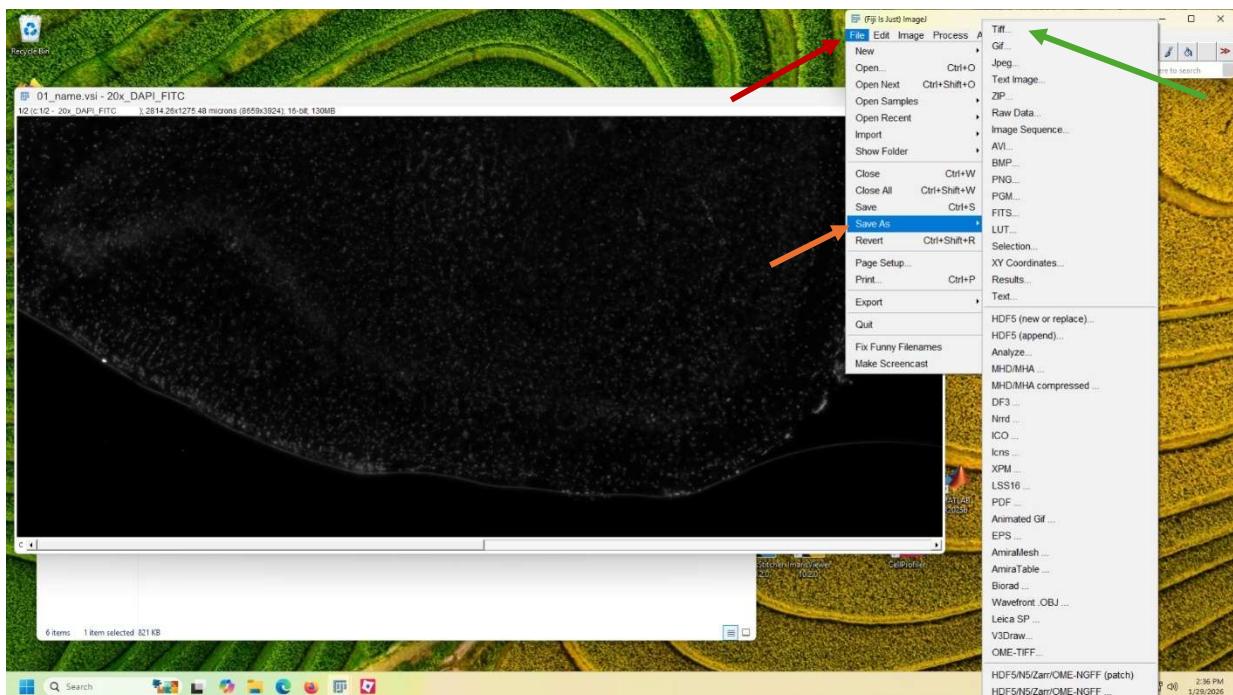


3. A new *Bio-Formats Series Options* window will ask you to choose which images from the .vsi "stack" you would like to open.

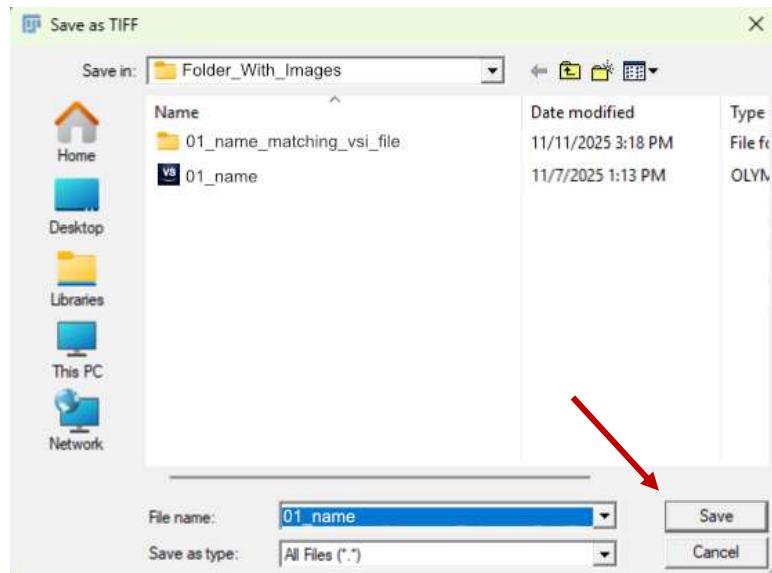
- This will include the label images, the overview image, the focus map, and also your fluorescent/brightfield images. Next to each image name, you will see resolution information in parentheses.
- Uncheck the first box (always selected by default) or click *Deselect All* and check the box next to the highest resolution fluorescent/brightfield image.
- Click *OK*.



- It may take the image a long time to open, so be patient. Once it opens, click *File* → *Save As* → *Tiff...* to save this image as a multistack TIFF.



5. In the *Save as TIFF* pop-up window, name your new TIFF file and click *Save*.



6. In Aivia, click *Open File* and select your new TIFF file.

