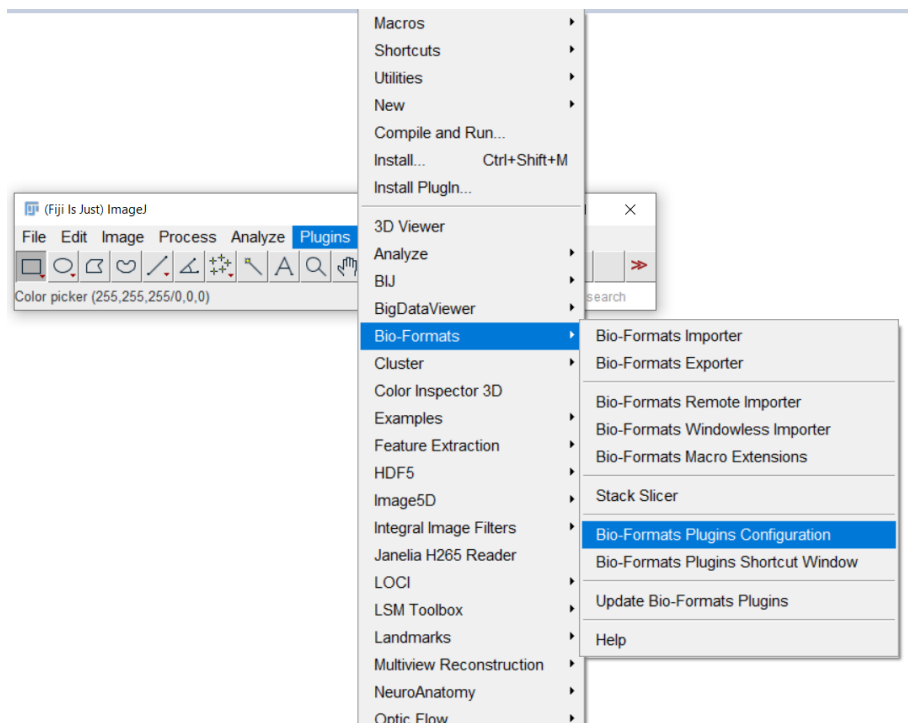## Fiji Resources

- The best and most comprehensive resource I've found on Fiji is by the University of Chicago's Integrated Light Microscopy Core. It has links to download ImageJ as well as an incredible range of tutorials (both beginner and advanced).
    - https://voices.uchicago.edu/confocal/image-processing/imagej-fiji-help/
- Commonly requested tutorials
    - Image Stitching:
        - https://imagej.net/plugins/image-stitching
    - Z-functions including 3D projection and viewing:
        - https://imagej.net/imaging/z-functions
    - Enabling Fiji "Cookbook" of various useful plug-ins
        - https://imagej.net/imaging/
    - Cell Volume and morphology analysis with 3DSuite (ImageJ)
        - https://m.youtube.com/watch?v=igBbnIohLf8
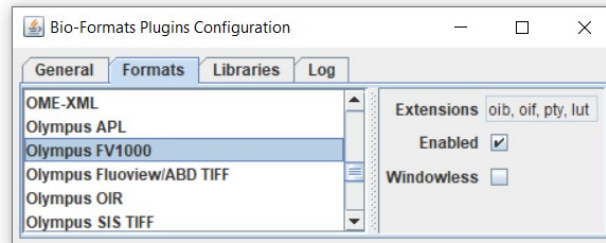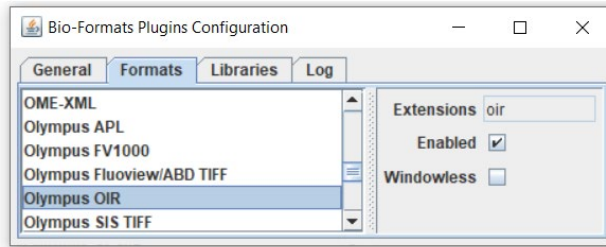
How to Enable Olympus Image files (.oir, .oib, .oif) for Analysis in Fiji.

Note: You must have Fiji and the BioFormats plug-in (https://www.openmicroscopy.org/bio-formats/). For legacy (FV1000, FV1200) FV users I recommend saving acquisitions as .oib files because they combine the image data and the metadata into one easy to transfer file. FV3000 files are written as .oir file format.

1. Open Fiji→Plugins→Bio-Formats→Bio-Formats Plugins Configuration

2. In the Bio-Formats Plugins Configuration Window select Formats tab
   a. <u>For .oir files:</u> Select "Olympus OIR". Check "Enabled".
   b. <u>For .oib or .oif files:</u> Select "Olympus FV1000". Check "Enabled".

3. Close the window and you will be able to open the enabled file type(s).