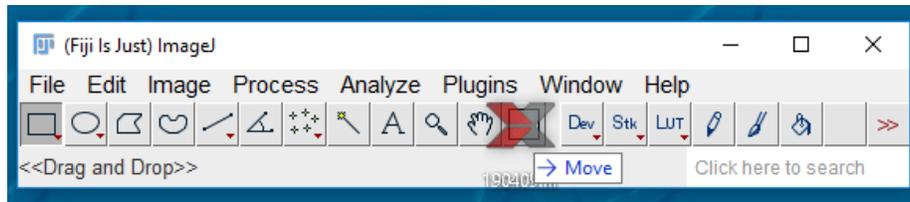


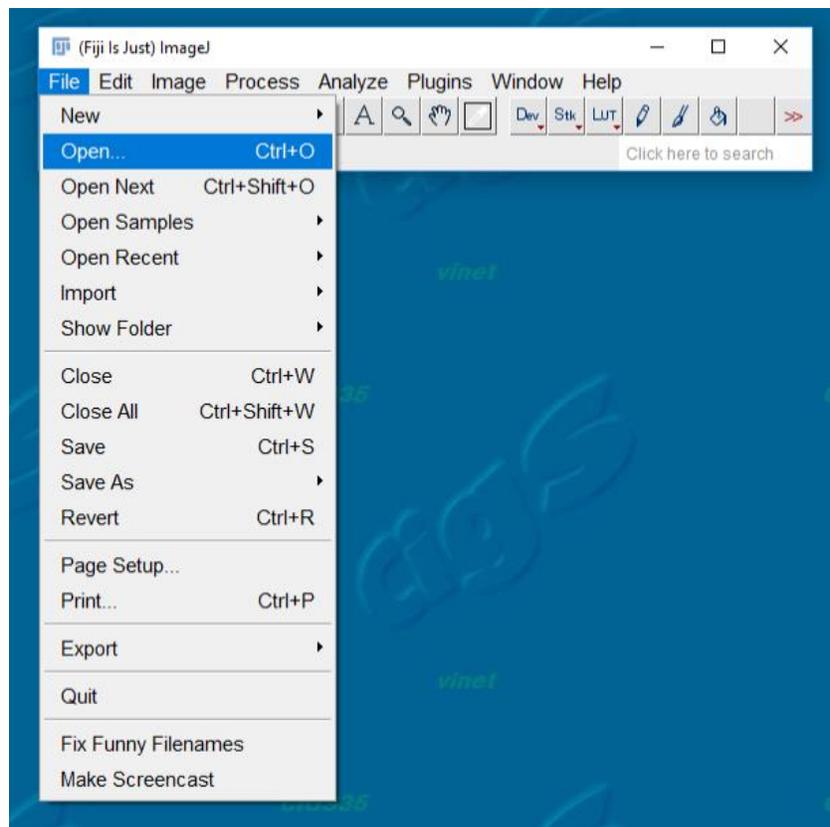
# Converting images from lif files to tiff files for image analysis with ScanR

## A- Open the lif file with Fiji (ImageJ)

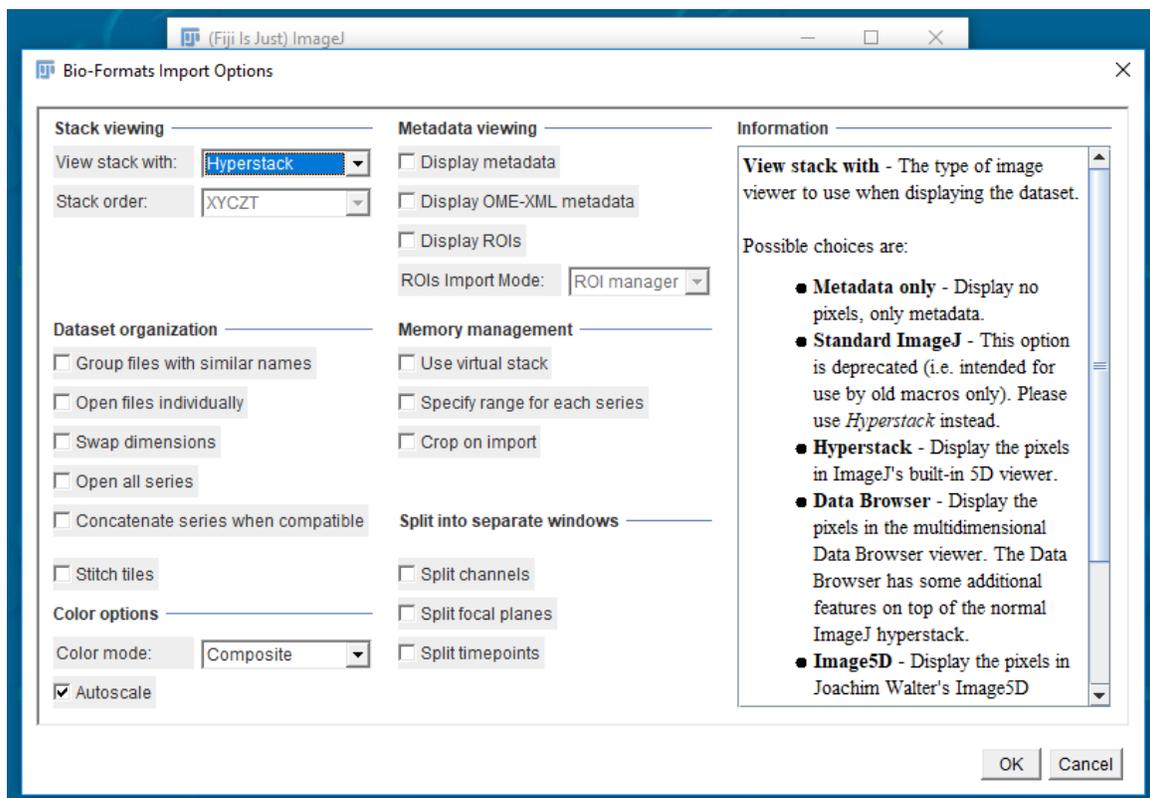
1- To open the .lif file, drag and drop the file on the Fiji software taskbar.



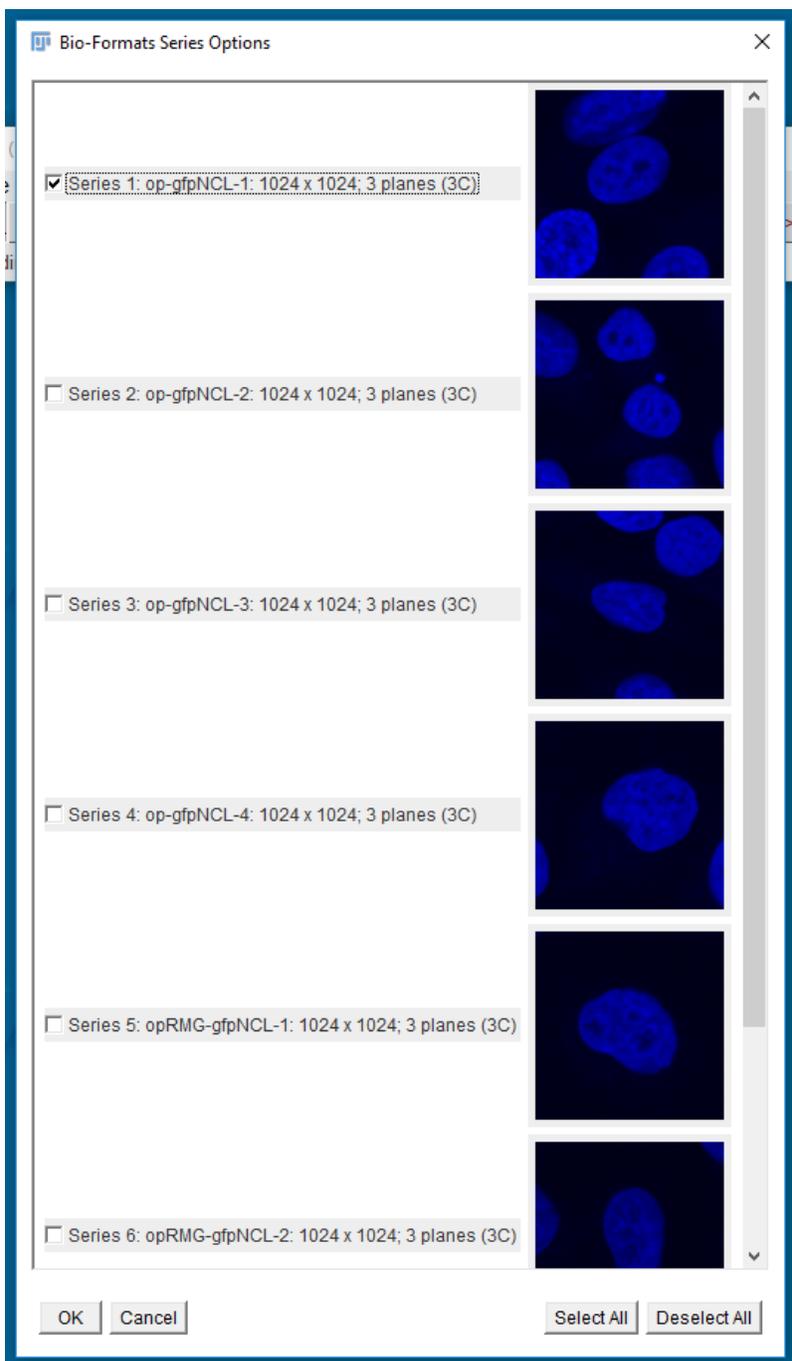
Another way to open a .lif file is to click on File/Open and select the file to open.



2- Fiji will next ask you how you want to open the images present in the lif file. Please, ensure that all elements present in the following illustration are selected and click OK. If you want images in black and white, select color mode to “default” instead of “composite”.



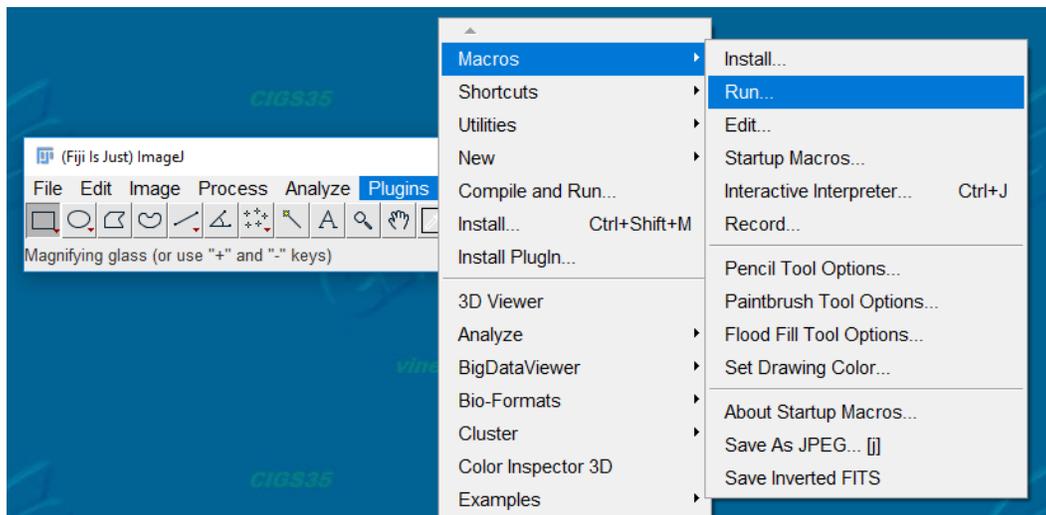
3- Next, another window will open where all images present in the lif file are listed. Select the images that you want to open or click on Select All if you want to open the entire content of the lif file. Click OK when images are selected. Fiji will now open all images that were selected



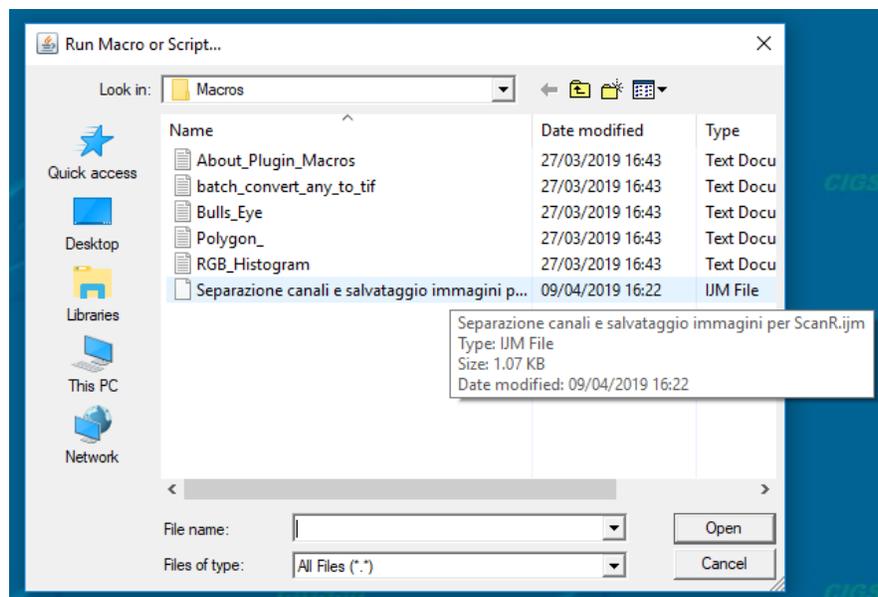
## B- Separate images in channels and save them in .tif

We have created a macro that can automatically split every image into their separate channels that compose them and save them in tiff format into a folder of your choice. To run the macro:

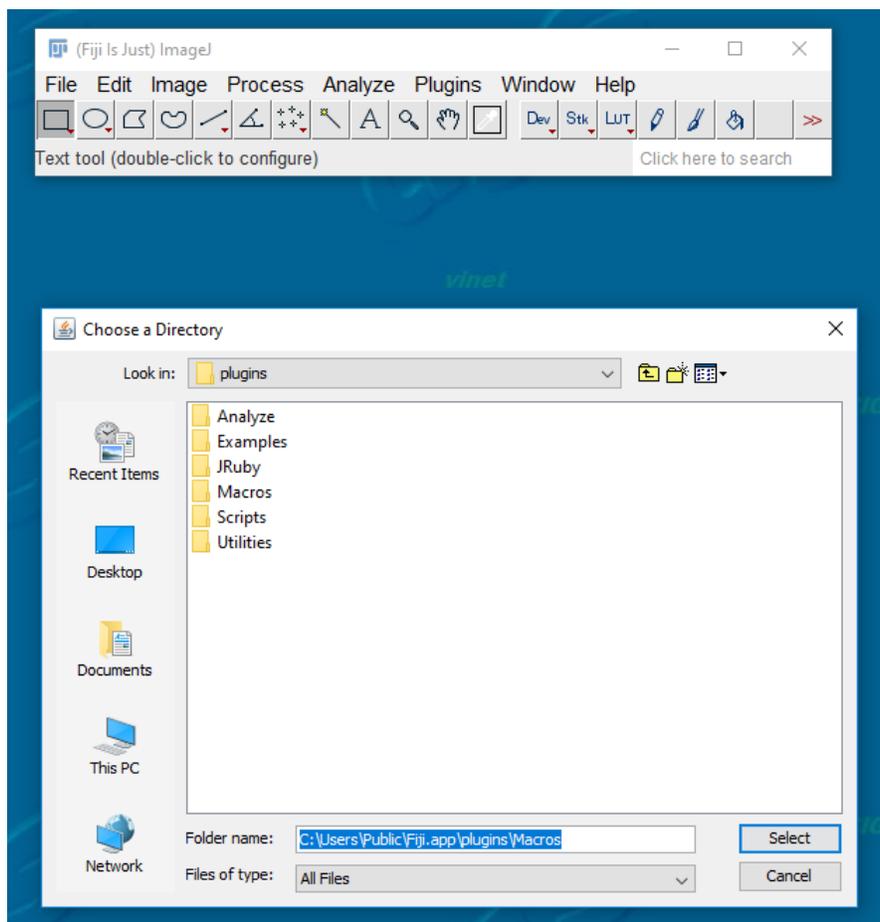
- 1- Click on Plugins/Macros/Run...



- 2- Select the marco file named “Separazione canali e salvataggio immagini per ScanR.ijm”



- 3- Next, Fiji will ask you to select the folder into which save the files. Please, select the desired folder. If it doesn't exist, create and rename a new folder.



At this point, Fiji will split every opened image into the various channels that compose them and will save them as .tif into the selected folder. Once the procedure is finished, Fiji will close every opened image. The duration of the procedure will depend on the number of images that need to be converted and the number of channels that compose each image.