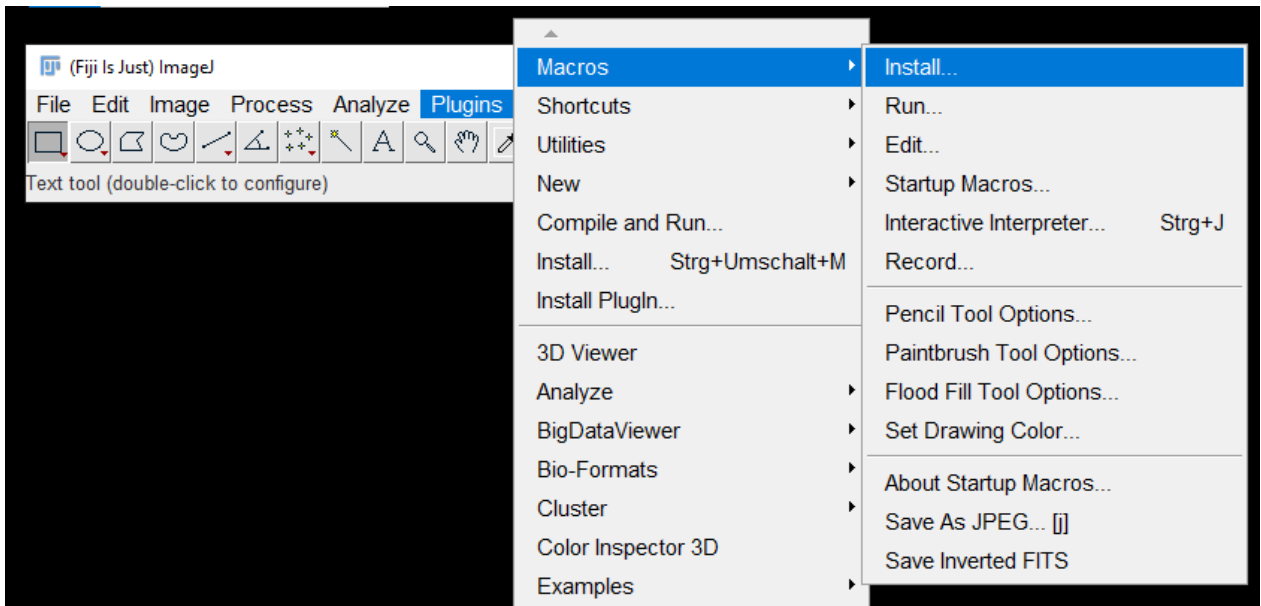
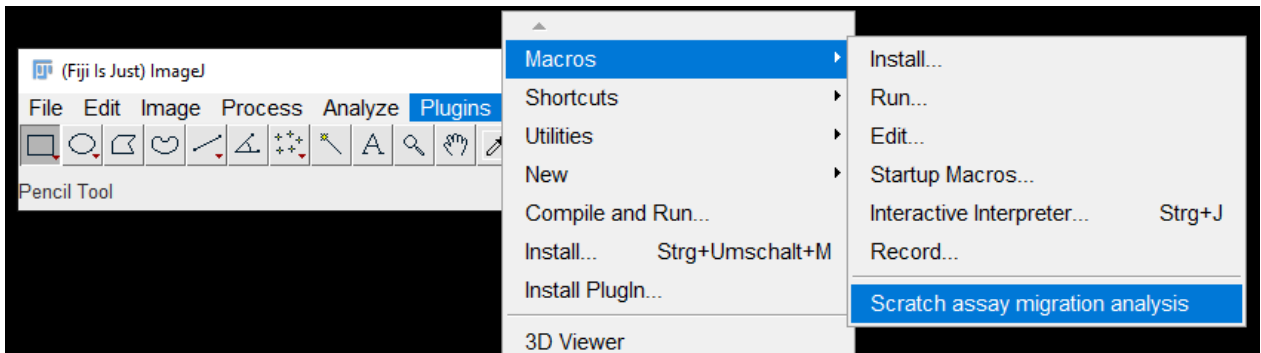


Migration Assay Analysis Macro Instruction

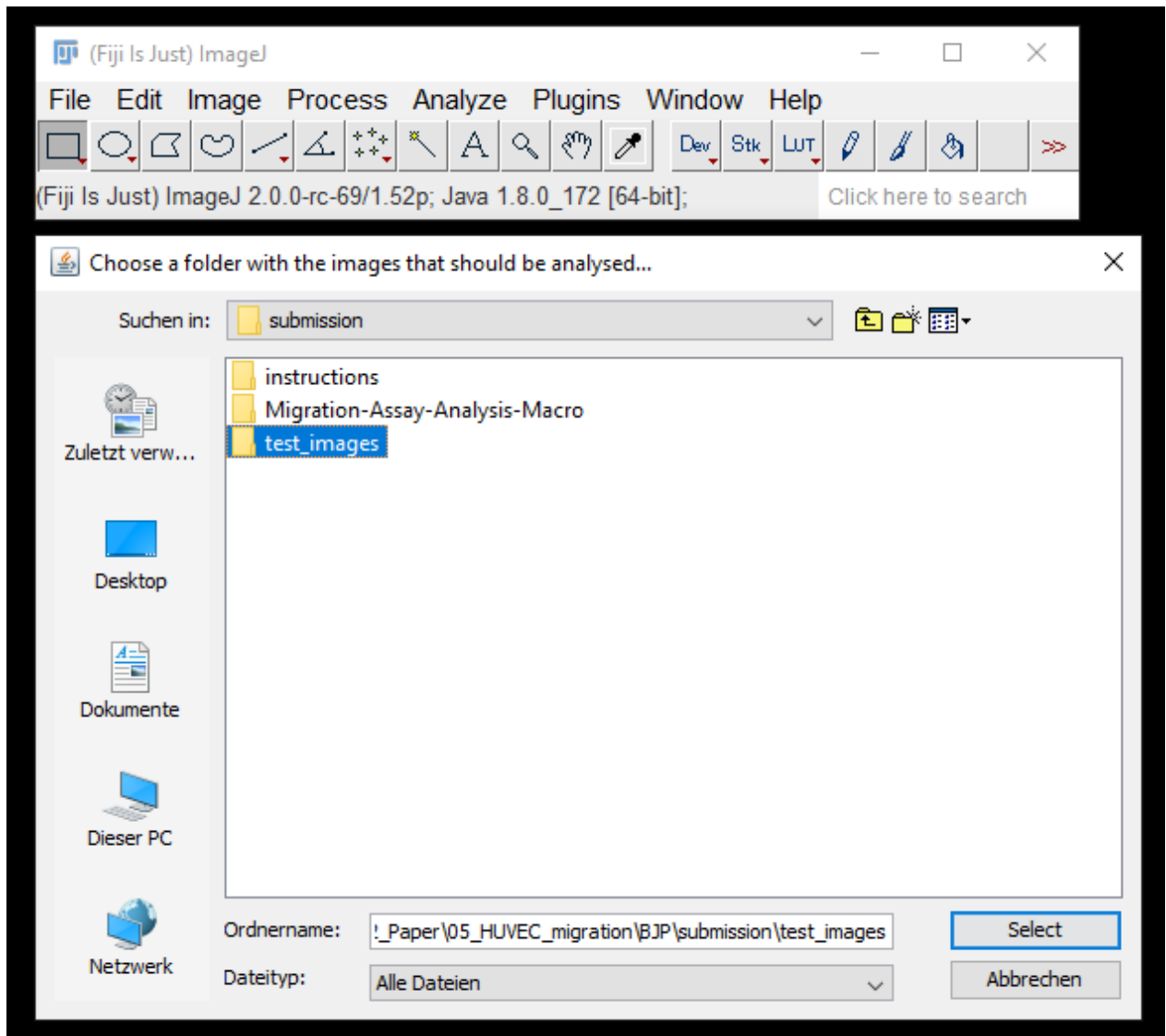
1. Install macro in Fiji/ImageJ:



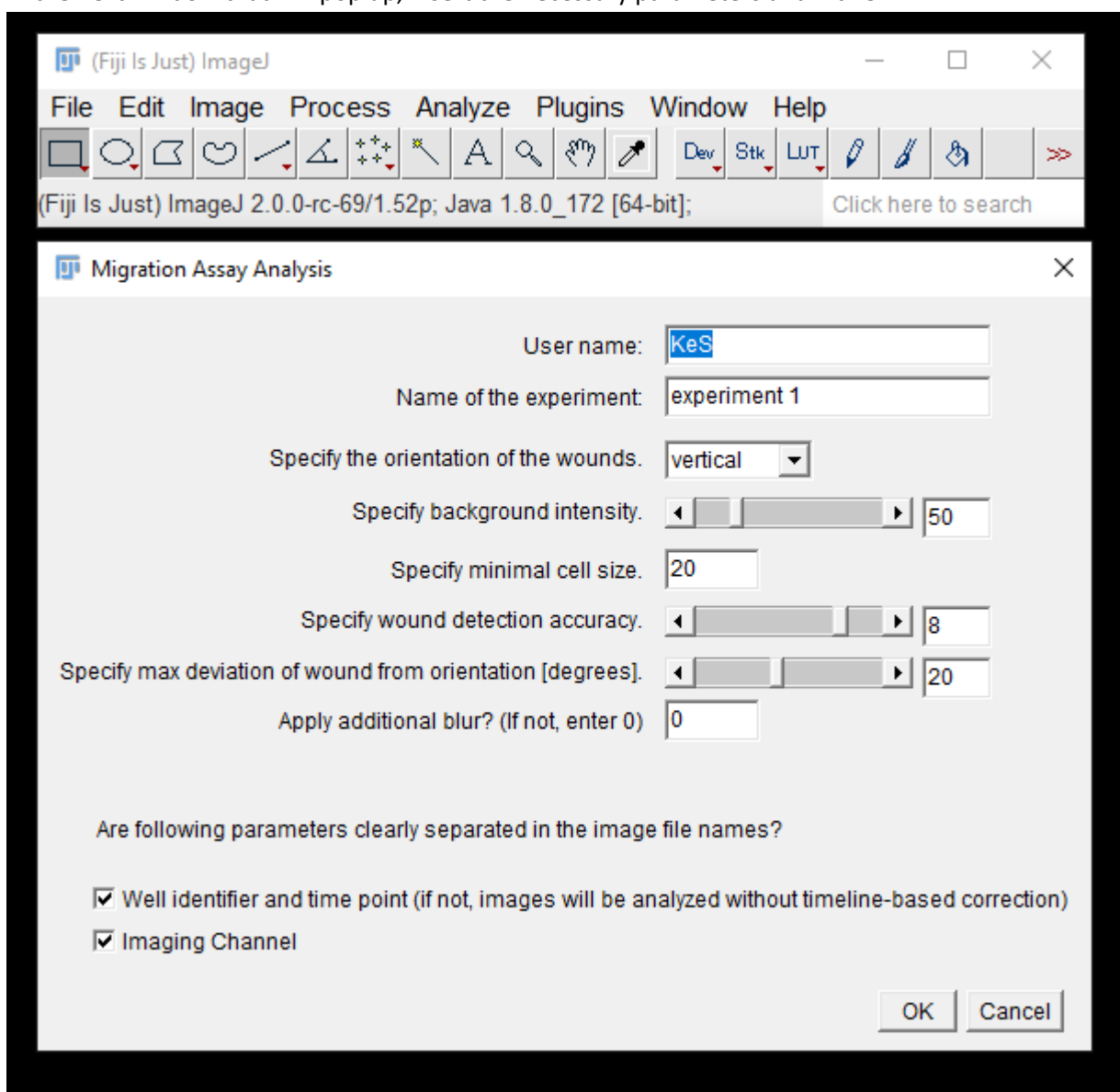
2. For running an analysis, click on "Scratch assay migration analysis" which will appear after macro installation:



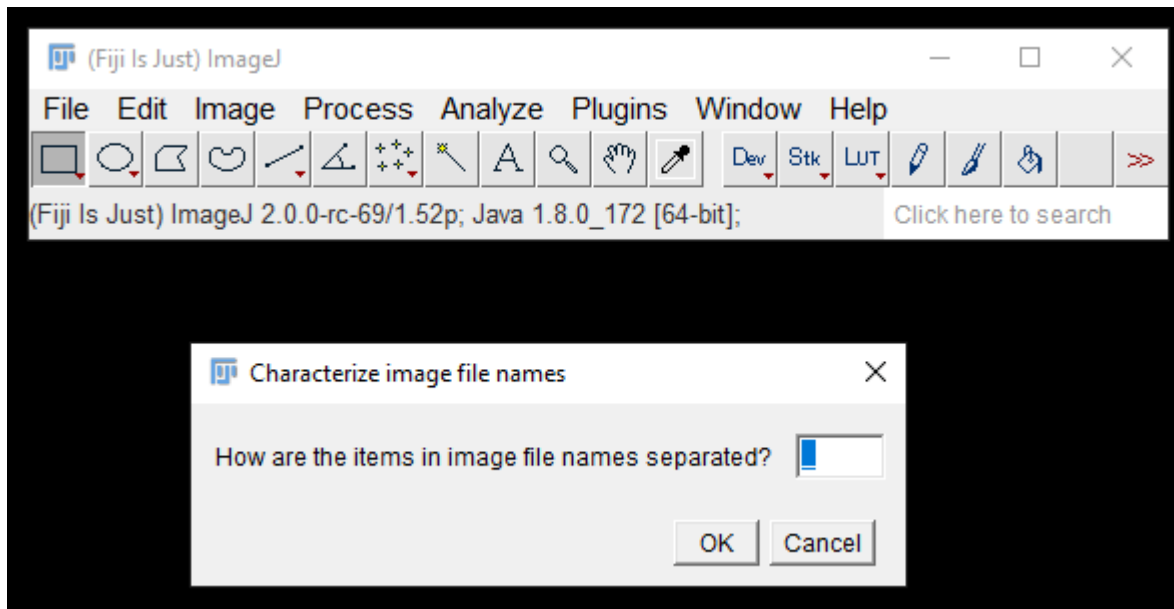
3. Select the folder with the images that should be analyzed and click on “Select”:



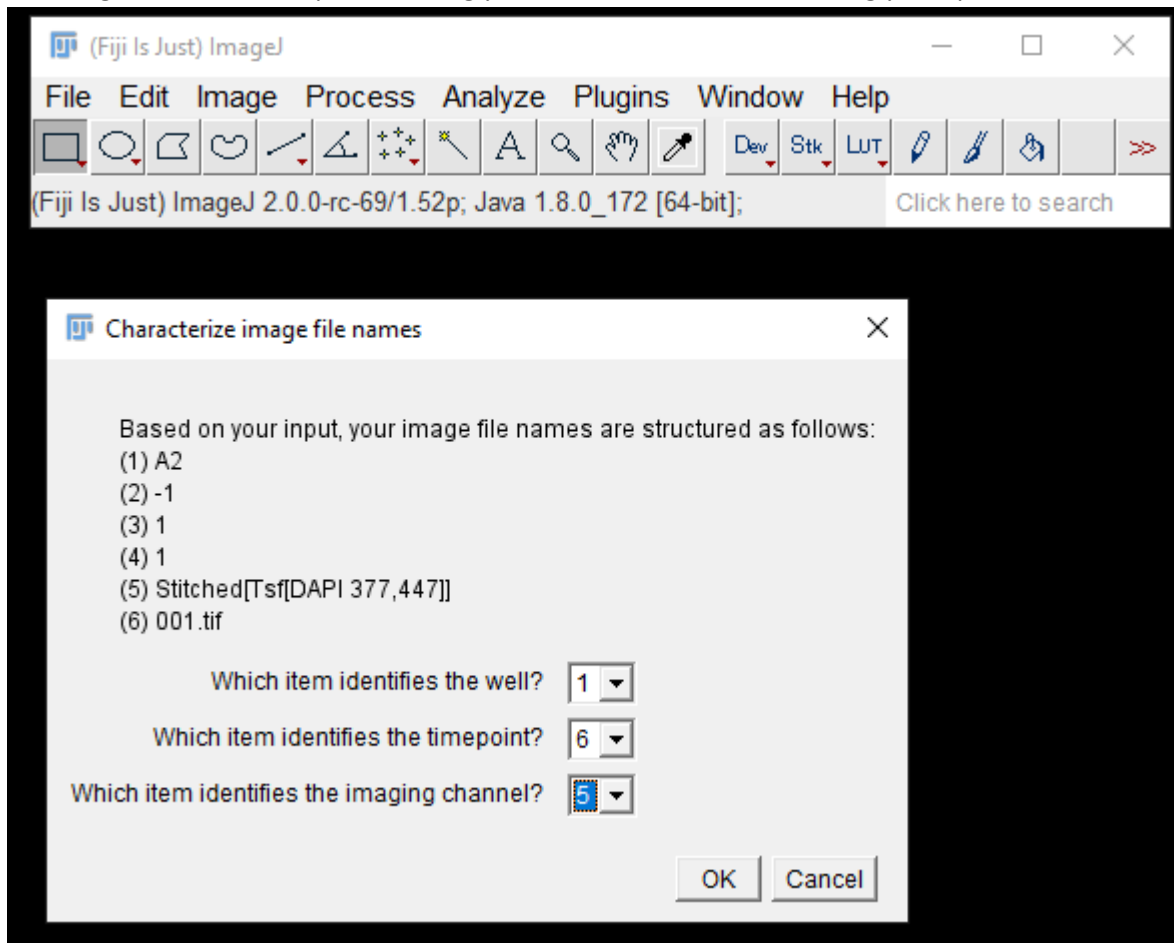
4. In the next window that will pop up, insert the necessary parameters and hit “OK”:



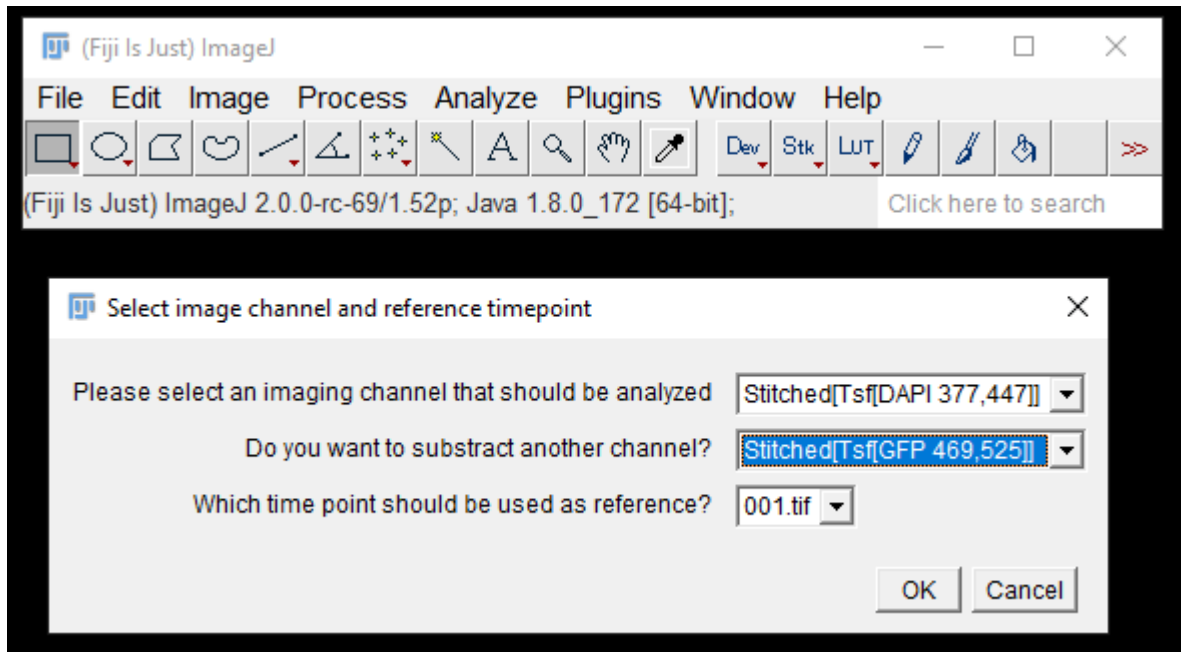
5. (Optional) In case the boxes on the bottom in step 4 are ticked, specify the separator and click “OK”:



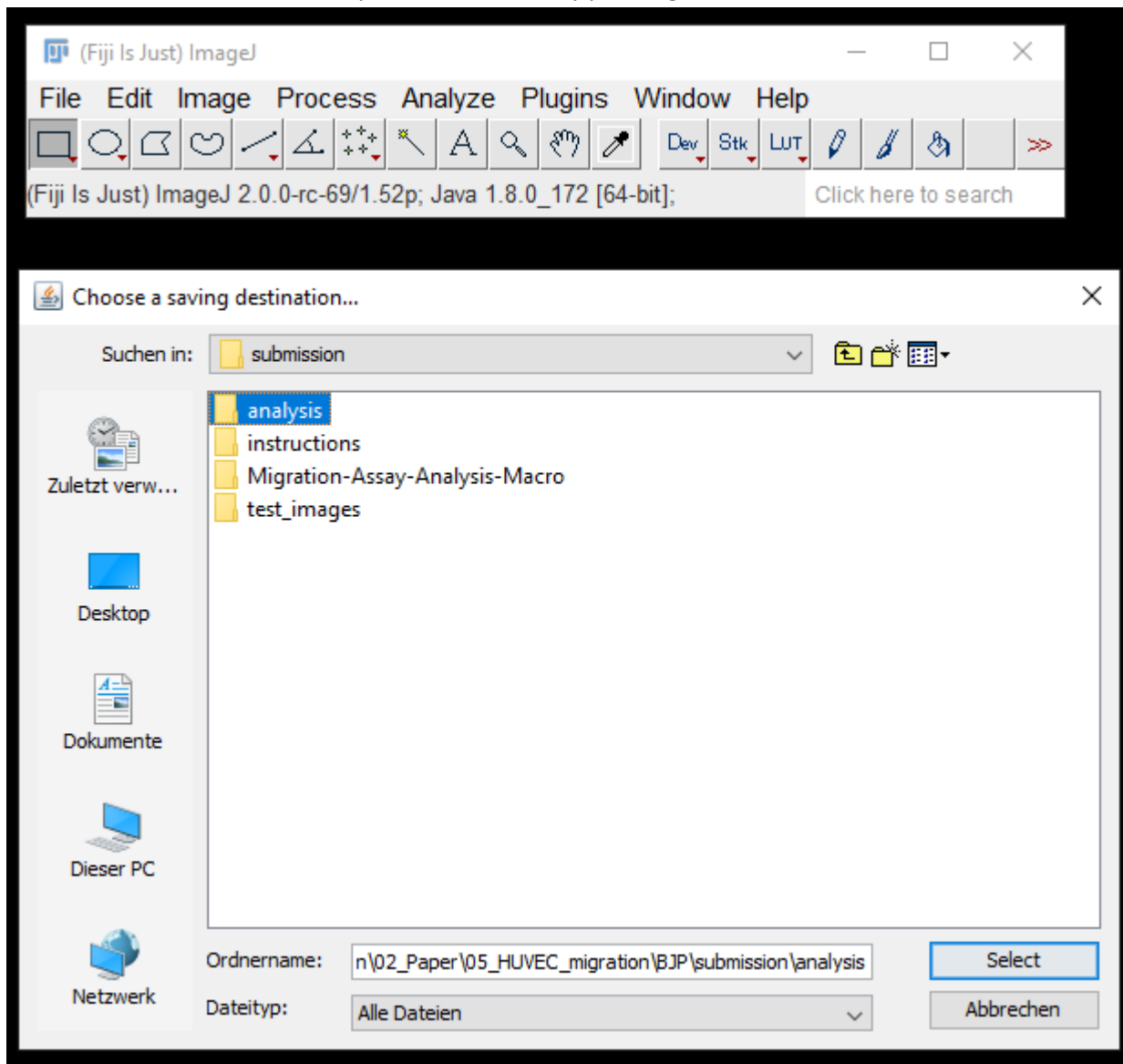
6. (Optional) In case the boxes on the bottom in step 4 are ticked and a separator has been entered, the image names will be split accordingly. Select the identifiers accordingly and press “OK”:



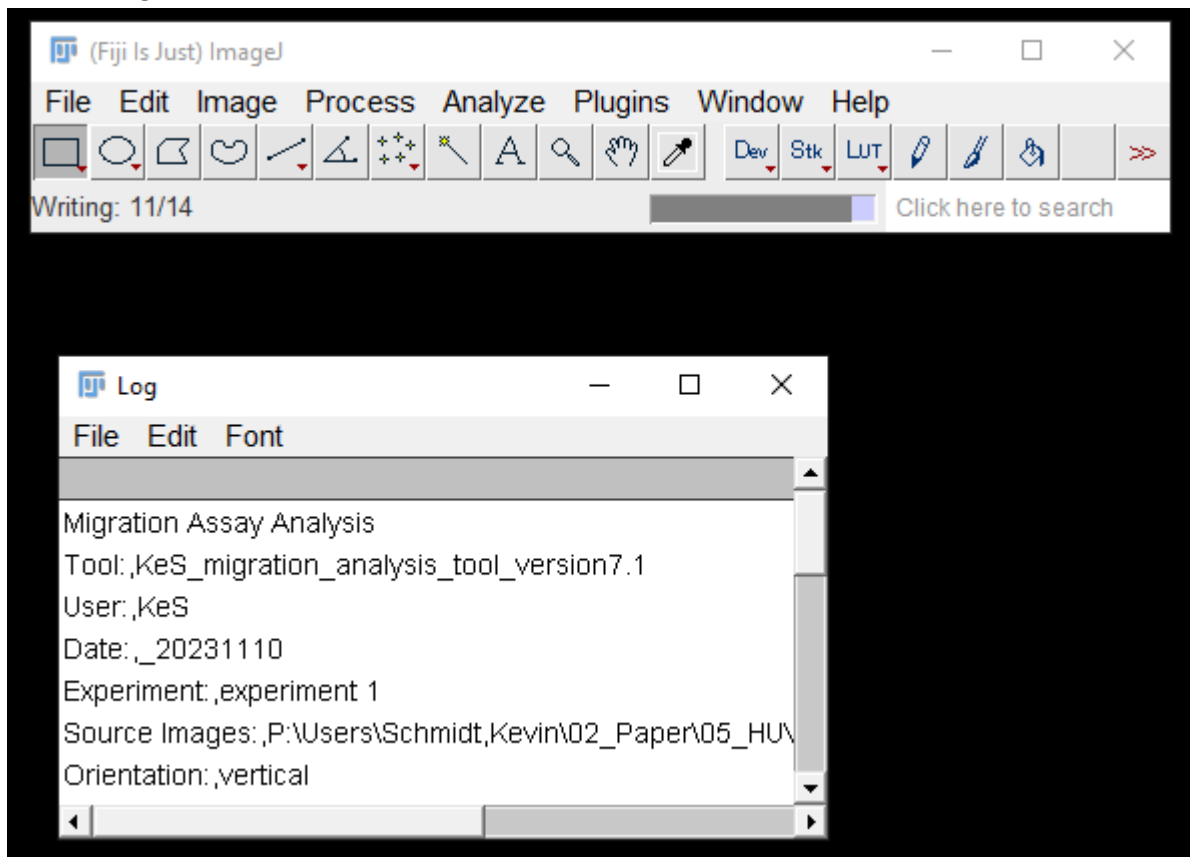
7. (Optional) In case, imaging channels and time points are distinguished in the filenames, select the one that should be analyzed (and subtracted) from the respective dropdown menus and click “OK”:



8. Select a saving destination where the analyzed images including overlays and the “txt” file containing the measurements should be deposited. Continue by pressing “Select”:



9. After selecting the saving directory, the analysis will begin opening a log window. The analysis is run in the background:



10. Once the analysis is done, the log window will automatically be closed and a note will inform the user that the process has been finished. The images as well as the "txt" file with comma separated data can be accessed in the respectively selected saving folder.

