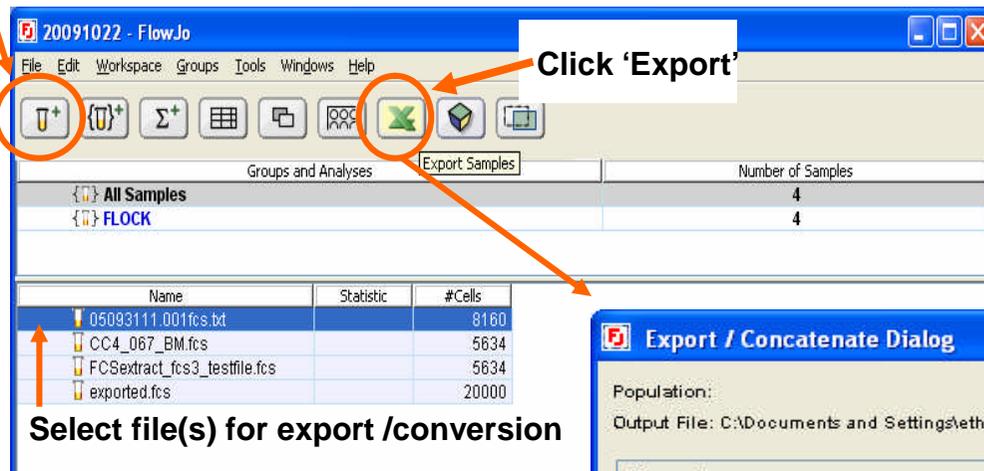


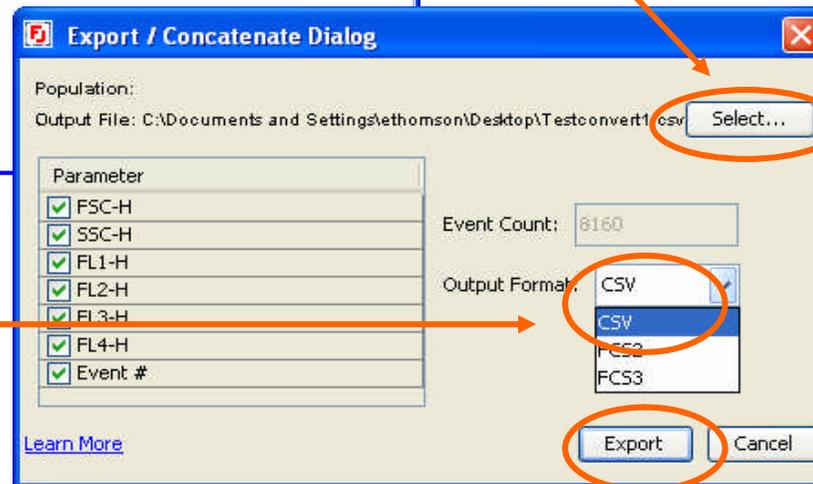
FlowJo™ enables the user to convert FCS files to CSV which can then be easily converted to .txt. The following tutorial includes conversion steps for both new and older FlowJo software.

FlowJo™ v8.6.6/v7.5.5

Add Samples



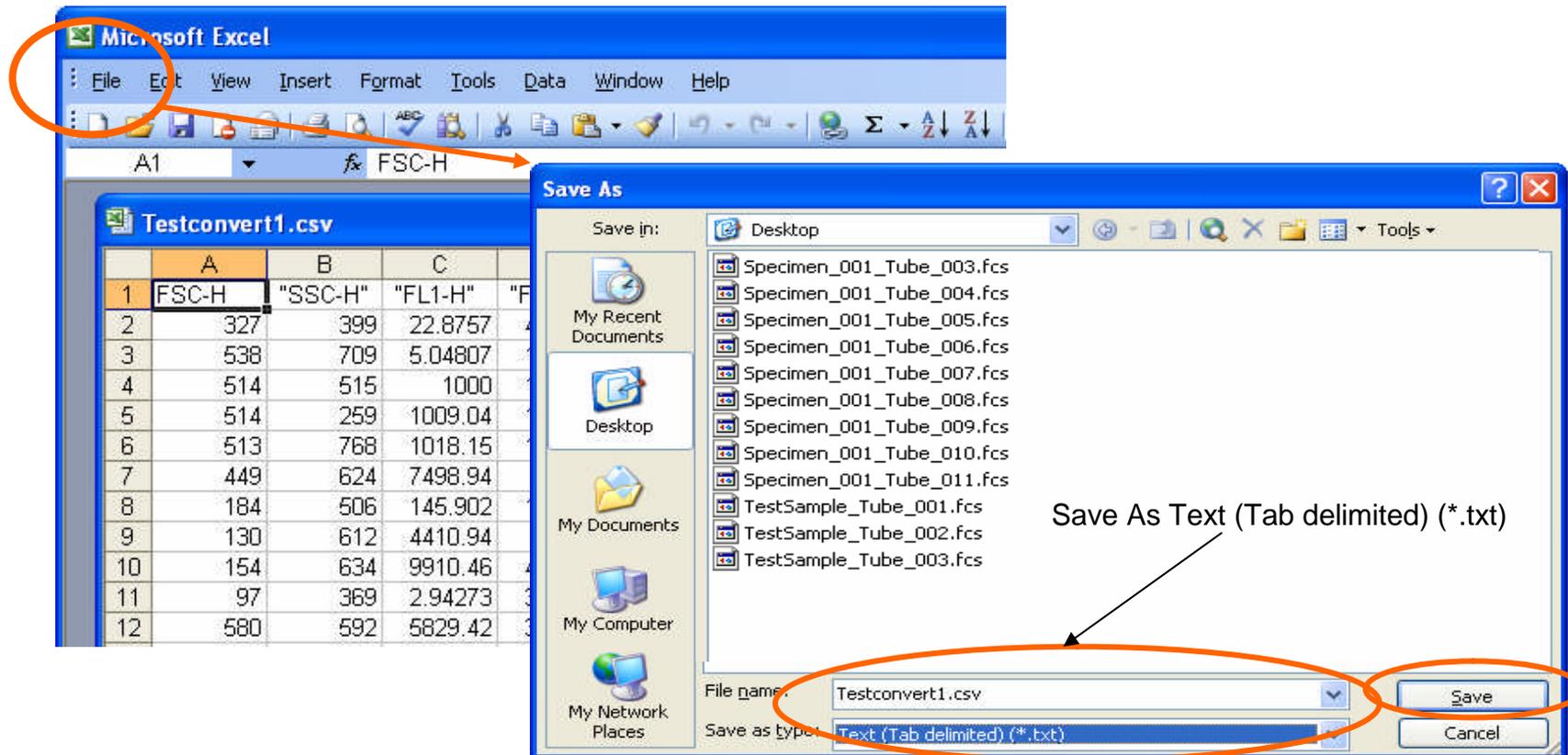
Click Select—choose where the CSV file should be stored



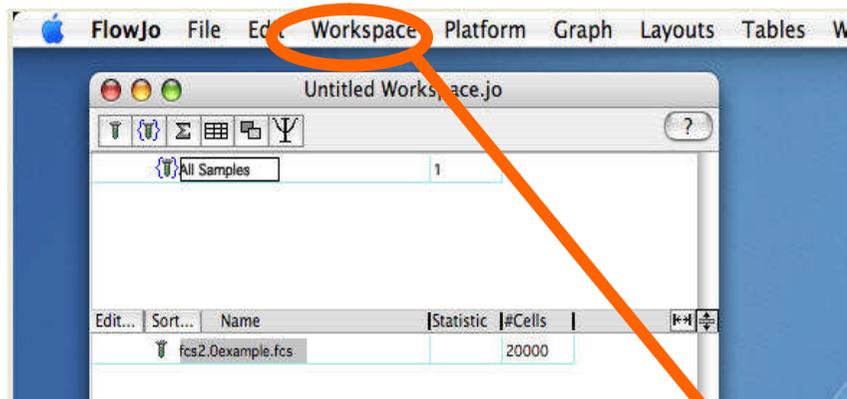
Output format:

- FLOCK requires .txt files. To convert to .txt, initially export as CSV.
- To convert CSV to .txt, go to the next slide

- Locate CSV file based upon the location you chose for storing.
- Select to Save As a Text (Tab delimited) (*.txt) file, click Save
- You will upload the new .txt converted file into ImmPort through the Data Management upload process

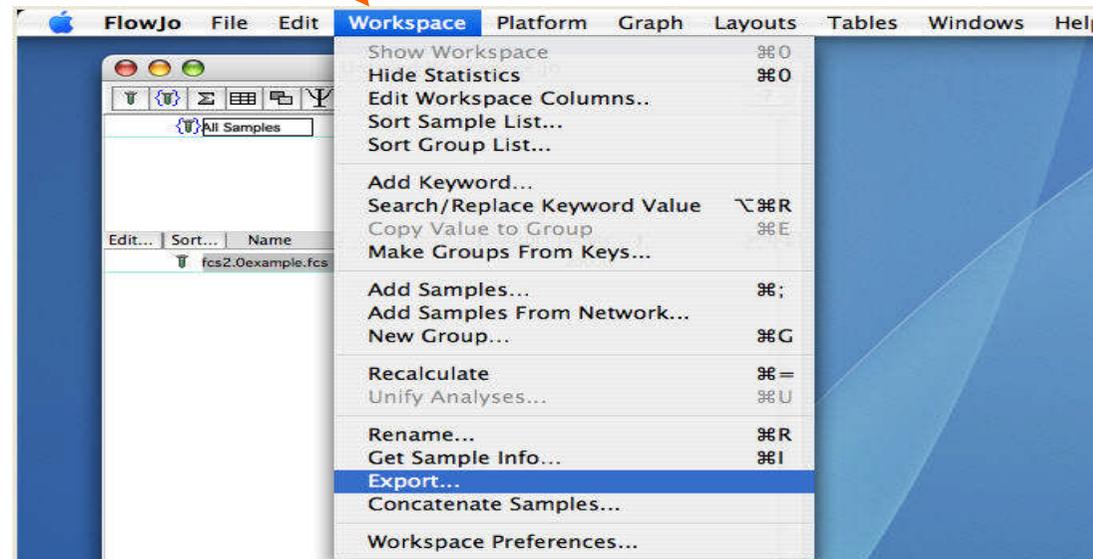


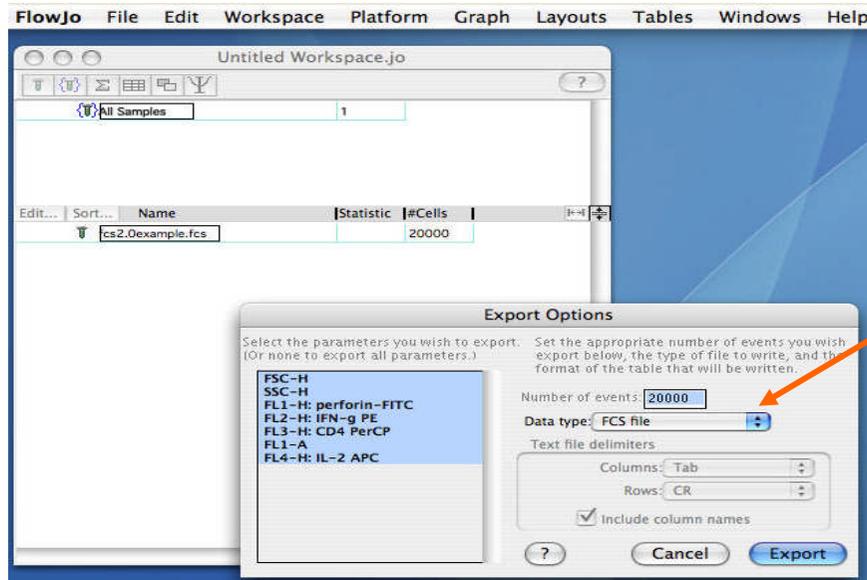
FlowJo™ older versions



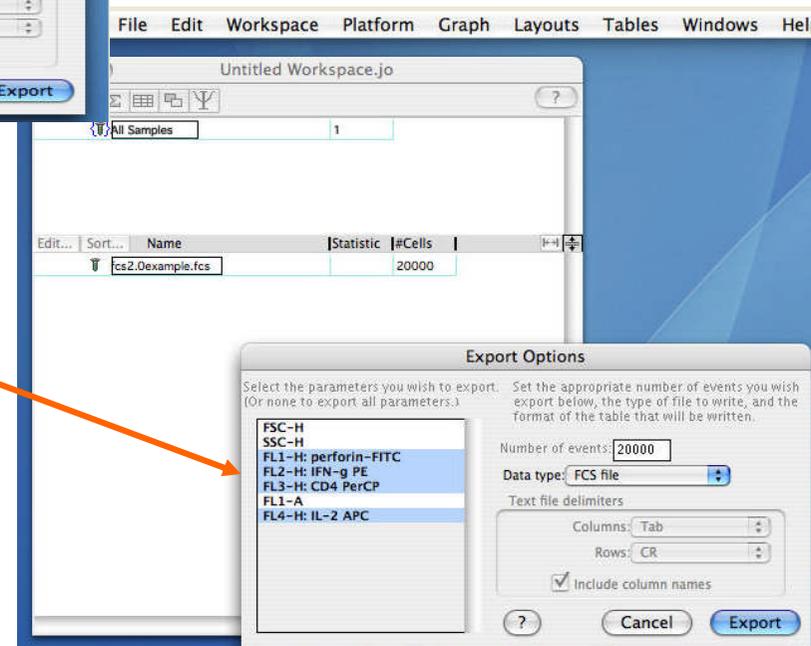
An example workflow from the Mac OS Tree Star FlowJo is presented as a demonstration. The Win OS FlowJo does not yet support this operation.

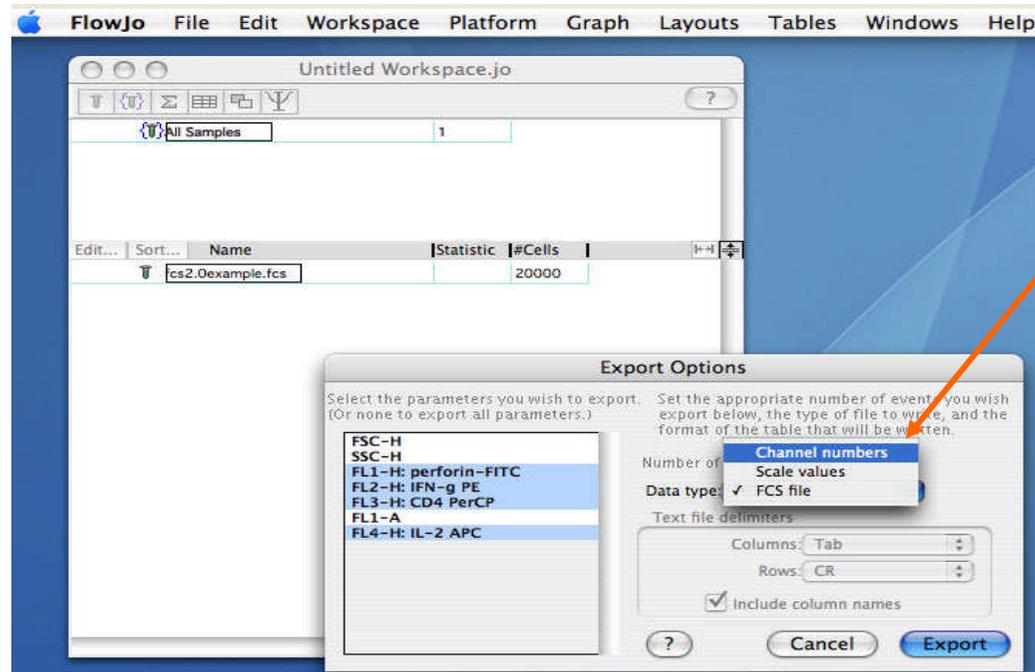
1. Select the FCS files you want to convert (or choose “All Samples” to convert all)
2. Select ‘Workspace’ from the menu bar.
3. Choose the ‘Export’ option.





De-select parameters that you do not want to include in the exported file for FLOCK to analyze. Excluding uninformative parameters from the exported file helps FLOCK produce better results





Change the 'Data type' to Channel numbers

Change the 'Text file delimiters' to CRLF

