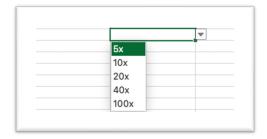


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Dropdown menus in EXCEL

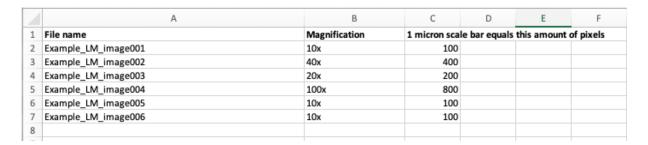


In order to generate Dropdown menus in EXCEL go through the following steps:

- 1) Write down the list of input that you would like to have in the dropdown menu for each key-value pair. It makes sense to have it on a second sheet if you would like to have your main data on the first sheet (see also example file).
- 2) Mark the cell(s) in which the dropdown should appear
- 3) Go to "data" (Daten), "Data Validation" (Datenüberprüfung)
- 4) Under "Allow" (Zulassen): set to "list" (Liste)
- 5) Set the two tick marks at ignore blank (Leere Zellen ignorieren) & in-cell dropdown (Zellendropdown)
- 6) As a last step, define the source (Quelle) for the dropdown menu and click ok.

Auto-Fill-Out function in EXCEL

The dropdown function can also be combined with an auto fill-out (IFS function, WENNS in German): if the cell has specific content, a specific value is shown in the next column. A microscopy example would be that you store the pixel size of a 1 μ m scale bar for specific lenses /magnifications of your light microscope setup in one column. The auto fill out can add the pixel information automatically by reading the magnification column (e.g. 10x, 20x etc.).



Formula used is the following (exchange WENNS by IFS in English EXCEL version):

=WENNS(B2=Referenzvalues!\$A\$2;Referenzvalues!\$B\$2;B2=Referenzvalues!\$A\$3;Referenzvalues!\$B\$3;B2=Referenzvalues!\$A\$4;Referenzvalues!\$B\$4;B2=Referenzvalues!\$A\$6;Referenzvalues!\$B\$6)

A second sheet named "Referenzvalues" is used in this example to list the lens magnifications in A2-6 (5x, 10x, 20x, 40x, 100x) and the corresponding pixel values in the column next to it (B2-6).

