Microscopy Data Management Worksheet

**Answer the following questions as best you can.** Talk with your research advisor if you are unsure about any of the answers. Bring the completed worksheet to your next training.

*What is your specimen? Is it alive or fixed/dead? Is it stained? If so, with what?*

*What kind(s) of images will you be acquiring? (check all that apply)*

|  |  |  |
| --- | --- | --- |
| ⃝ Compound microscope | ⃝ Stereo/dissecting -scope | ⃝ Confocal |

|  |  |
| --- | --- |
| ⃝ Fluorescence | ⃝ Brightfield/transmitted light (incl. DIC and phase contrast) |

|  |  |  |
| --- | --- | --- |
| ⃝ Multi-color fluorescence | ⃝ Z-stacks | ⃝ Time-lapse |
| ⃝ Stitching/tiling large image | ⃝ Live specimen | ⃝ Lightning |

|  |  |  |
| --- | --- | --- |
| ⃝ Spectral imaging | ⃝ Fluorescence lifetime (FLIM) | ⃝ Laser ablation |

*What image file type(s) will you use?*

*How will you organize your images?*

*Where will you store your images?*

*How/where will you record notes about the images and metadata that aren’t embedded in the images?*