

# 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)*

- |  |  |                                      |
|--|--|--------------------------------------|
| <input type="radio"/> Compound microscope          | <input type="radio"/> Stereo/dissecting -scope                                     | <input type="radio"/> Confocal       |
| <input type="radio"/> Fluorescence                 | <input type="radio"/> Brightfield/transmitted light (incl. DIC and phase contrast) |                                      |
| <input type="radio"/> Multi-color fluorescence     | <input type="radio"/> Z-stacks   | <input type="radio"/> Time-lapse     |
| <input type="radio"/> Stitching/tiling large image | <input type="radio"/> Live specimen  | <input type="radio"/> Lightning      |
| <input type="radio"/> Spectral imaging             | <input type="radio"/> Fluorescence lifetime (FLIM)                                 | <input type="radio"/> 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?*