

## Record of instrument details during image acquisition

Date: \_\_\_\_\_

Experiment: \_\_\_\_\_

Instrument manufacturer and model: \_\_\_\_\_

### Light Source

Broadband source  Single-wavelength LED  Laser

Manufacturer: \_\_\_\_\_

Power: \_\_\_\_ (circle) mW or  $\mu$ W or Power Density: \_\_\_\_ W/cm<sup>2</sup>

Measurement location on microscope: \_\_\_\_\_

### Excitation/Emission Path

Preset filter cube (if applicable): \_\_\_\_\_

Excitation wavelength: \_\_\_\_ nm

Emission wavelength or range: \_\_\_\_ nm

Other instrument specific notes: \_\_\_\_\_

### Objective(s)

Manufacturer: \_\_\_\_\_

Magnification: \_\_\_\_\_

Numerical Aperture (NA): \_\_\_\_

Immersion medium: glycerol  oil  water  air (dry)

Optical Aberration Correction: Plan  Achromat  Fluorite  Apochromat

## Detector

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Exposure time/Dwell time:

Gain: \_\_\_\_\_

Offset: \_\_\_\_\_

Binning: \_\_\_\_\_

Pixel dimensions: \_\_\_\_\_

Line/Frame/Stack averaging: \_\_\_\_\_

## See:

**Heddeleston, J. M., Aaron, J. S. Khuon, S. and Chew, T.-L. (2021).** A guide to accurate reporting in digital image acquisition - can anyone replicate your microscopy data? *J. Cell Sci.* **134**, jcs254144. doi:10.1242/jcs.254144