

**Channel:**

This dropdown menu allows you to select a channel from the list of available channels.

**Channel information:**

This allows you to specify channel-specific information. Some of this metadata **may be required by some analysis packages**.

**Imaging mode:**

This allows you to specify the imaging mode of the channel.

**Fluorophore:**

This allows you to select a fluorophore from the popup-menu. If the emission and excitation wavelengths are empty, the corresponding values for the selected fluorophore will be prepopulated.

For more information see:

<http://www.olympusfluoview.com/applications/fpcolorpalette.html>

<http://www.invitrogen.com/site/us/en/home/References/Molecular-Probes-The-Handbook/Technical-Notes-and-Product-Highlights/The-Alexa-Fluor-Dye-Series.html>

**Excitation wavelength (nm):**

This specifies the excitation wavelength (in nm) of the channel.

**Excitation wavelength (nm):**

This specifies the emission wavelength (in nm) of the channel.

**Exposure time (s):**

This specifies the exposure time (in seconds) of the channel.

**Standard deviation of the Gaussian approximation of the point-spread functions (pixels):**

The standard deviation of the point-spread function is calculated if the emission wavelength of the channel as well as the pixel size and numerical aperture of the movie are filled. If computed, it is reported in this box.