

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.

Emission 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.