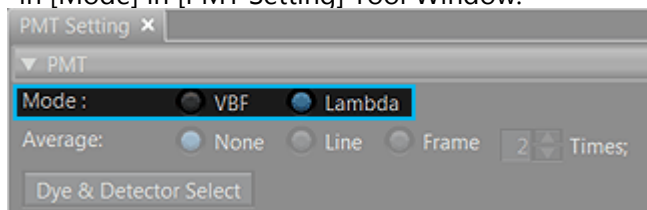


## Setting Lambda series (acquiring by multiple channels)

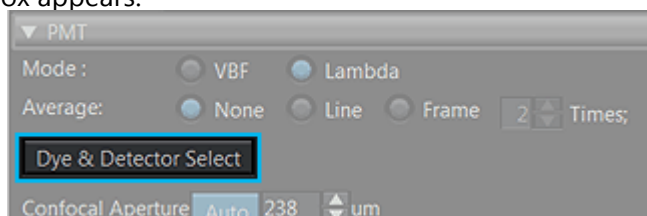
### Changing to Lambda mode

- 1 Select "Lambda" in [Mode] in [PMT Setting] Tool Window.



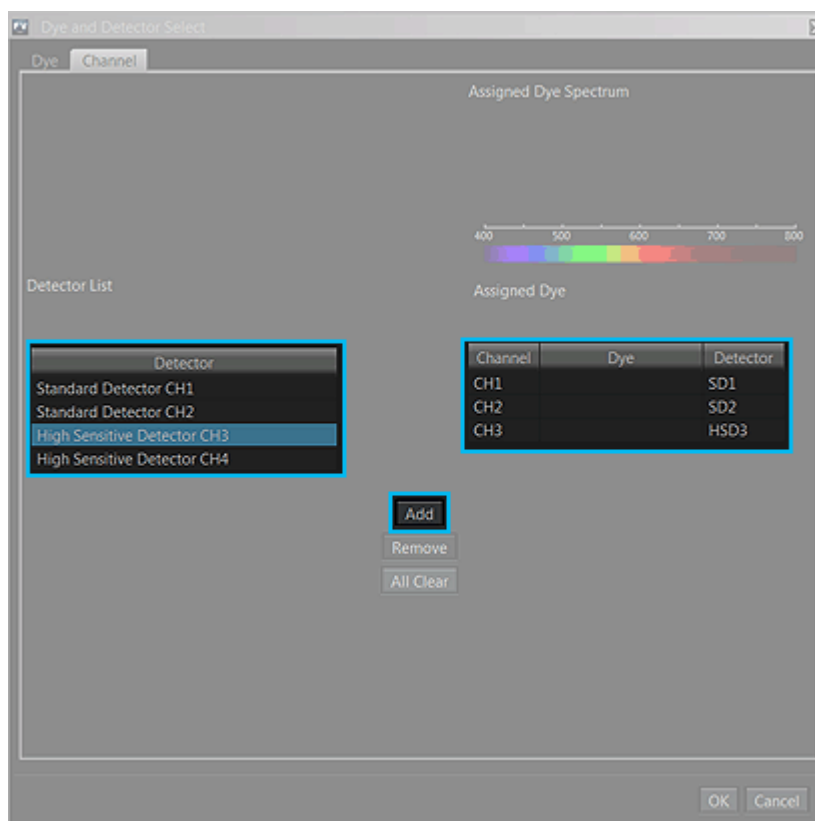
### Selecting multiple channels to be used

- 2 Press the **Dye & Detector Select** button. The [Dye & Detector Select] dialog box appears.



- 3

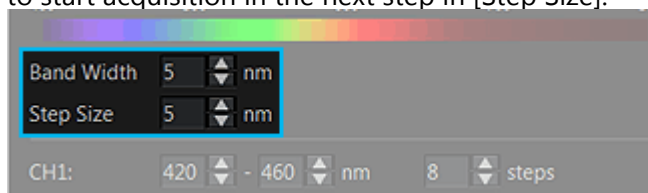
Select the detector to be assigned to the observation channel in [Detector List] in the [Dye & Detector Select] dialog box, and press the **Add** button. The observation channel number and the abbreviation (physical channel name) of the assigned detector are displayed in the observation channel list. Repeat this operation for a number of multiple channels.



- 4 Press the **OK** button to close the [Dye & Detector Select] dialog box.

### Setting the width of the wavelength for which the photometry is performed and the interval between wavelengths to start acquisition

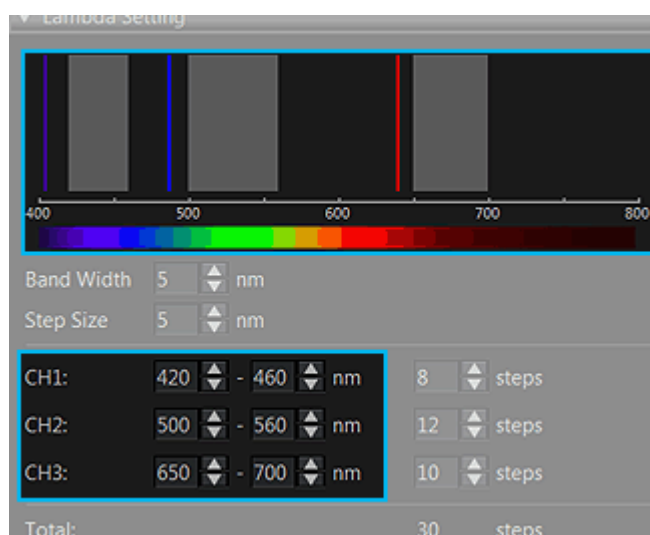
- 5 In [PMT Setting] Tool Window, set the width of the wavelength for which the photometry is performed per each step in [Band Width], and set the interval between the wavelength to start acquisition and the wavelength to start acquisition in the next step in [Step Size].



### Setting the wavelength to start photometry and the wavelength to end photometry by each channel

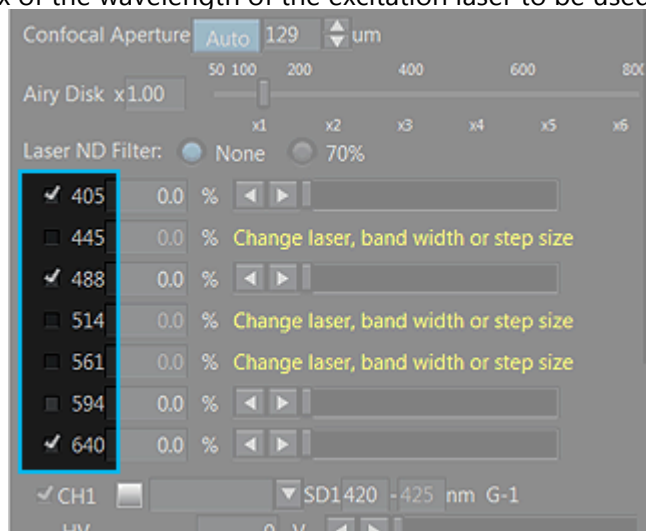
- 6

Set them by dragging the mouse on the profile display area or set the value directly to each channel ([CHx]).



### Selecting the excitation laser to be used

- 7 Tick the checkbox of the wavelength of the excitation laser to be used.

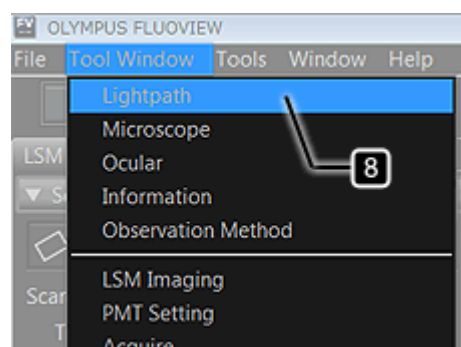


**!** You cannot select the laser which includes  $\pm 5\text{nm}$  of the excitation wavelength in the photometry wavelength range of each channel.

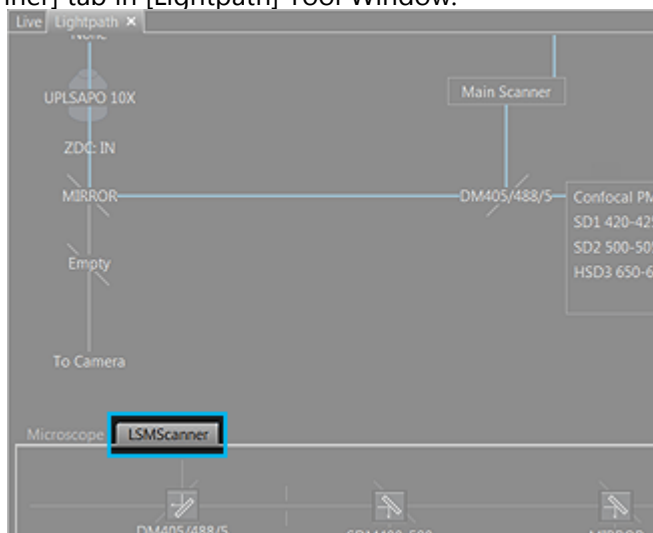
### Selecting DM and SDM so that the intended fluorescence wavelength reaches the detector

- 8

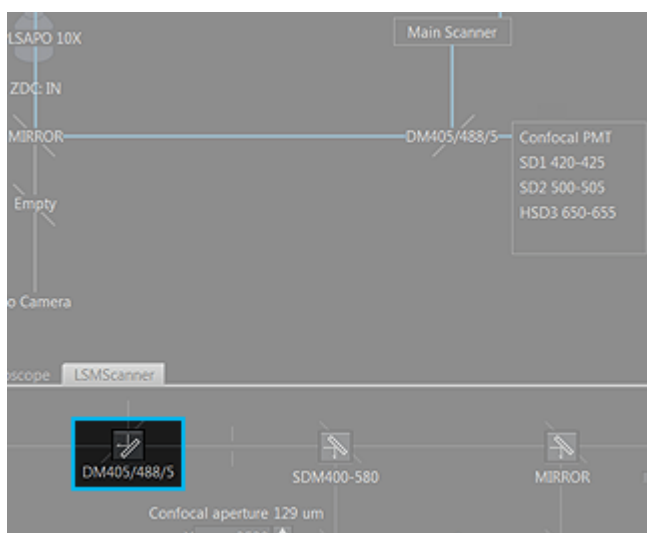
Select [Lightpath] in [Tool Window] menu. [Lightpath] Tool Window appears.



- 9 Select [LSMScanner] tab in [Lightpath] Tool Window.



- 10 Press the DM button to display the dichroic mirror (DM) list. Select "DM" which reflects the wavelength of the excitation laser selected in 7.



11

Press the SDM button to display the photometry dichroic mirror (SDM) list. Select "SDM", "Mirror" or "Glass" so that the intended fluorescence wavelength reaches each detector.

