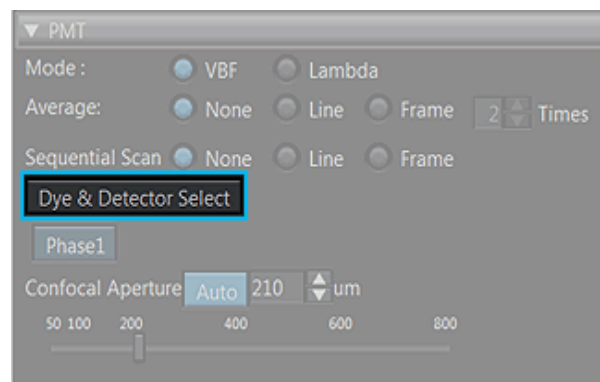


Assigning the detector to channel

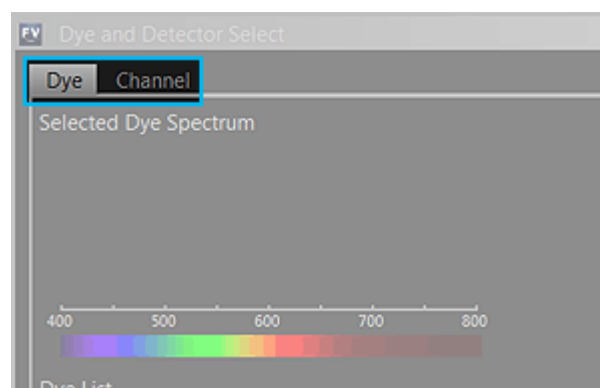
FV3000

- 1 Press the **Dye & Detector Select** button on [PMT Setting] Tool Window. The [Dye & Detector Select] dialog box appears.

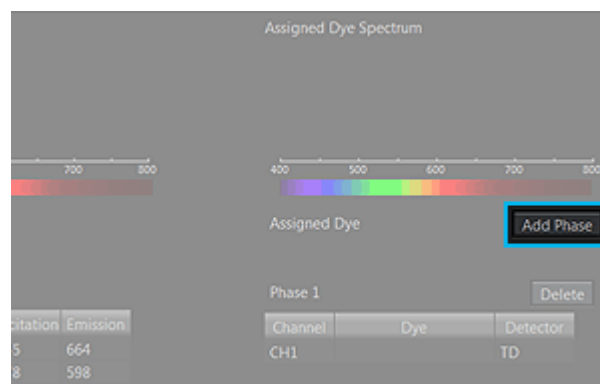


- 2 Select the [Dye] or the [Channel] tab in the [Dye & Detector Select] dialog box.

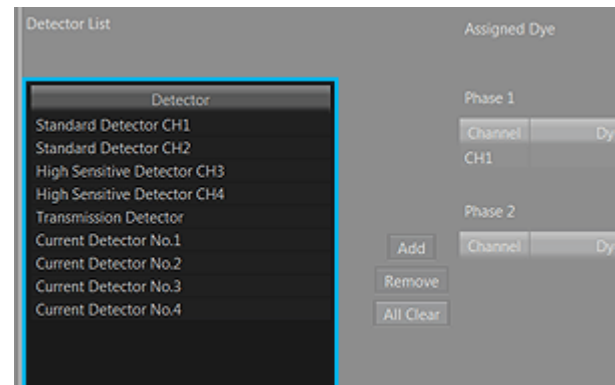
Dye	Specify the fluorescent reagent (Dye) and assign the observation channel.
Channel	Specify the detector and assign the observation channel.



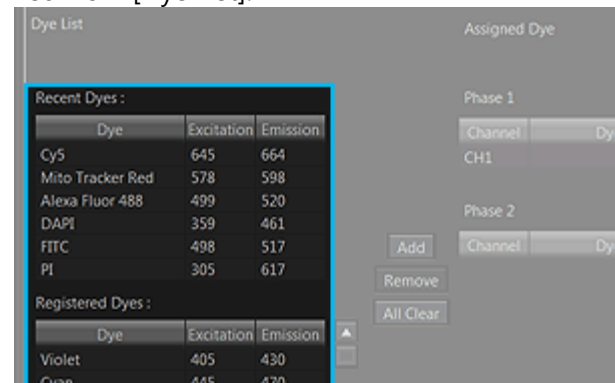
- 3 If you want to observe in multiple phases using the virtual channel scan, press the **Add Phase** button. (The virtual channel scan is the option of FV3000.)




- 4 If you selected [Channel] in
 - 2, select the detector to be assigned to the observation channel from [Detector List].



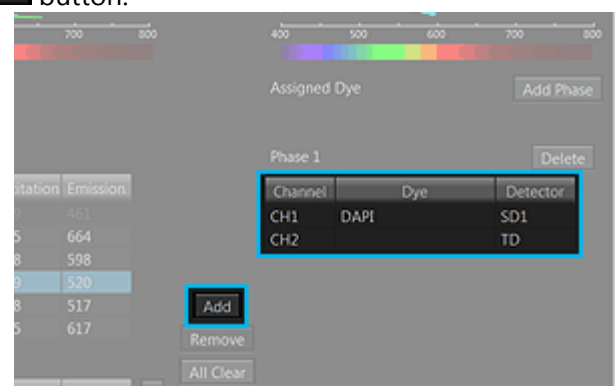
If you selected [Dye] in **2**, select "Dye" to be observed from [Dye List].



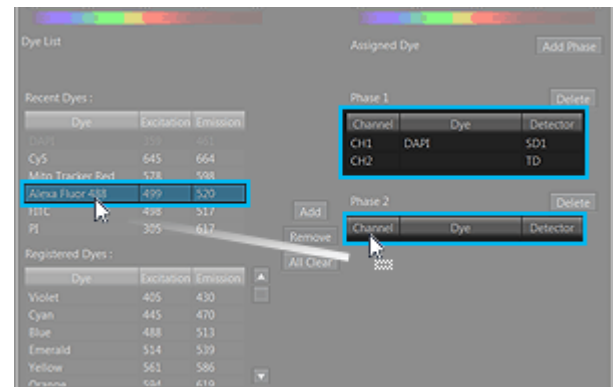
 If "Dye" you want to observe is not in the list, create "Dye" or select "Dye" with similar "Excitation" and "Emission" wavelengths instead.
You can create "Dye" in [\[Dye Editor\] dialog box](#) displayed when you select [Dye Editor] in the [Tool] menu.

5

If you did not add the phase in **3**, press the **Add** button.



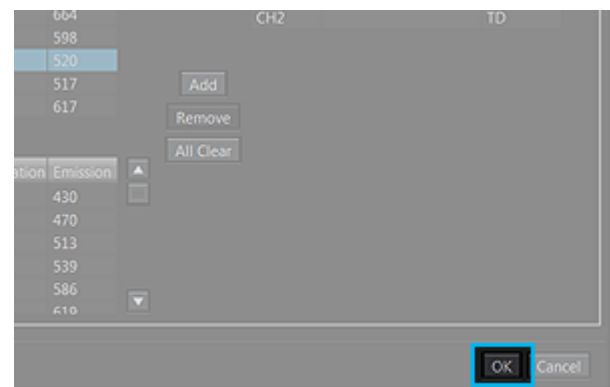
If you added the phase in **3**, drag&drop the selected detector or "Dye" to the observation channel list of the phase you want to add.



The observation channel number and the abbreviation (physical channel name) of the assigned detector are displayed in the observation channel list.

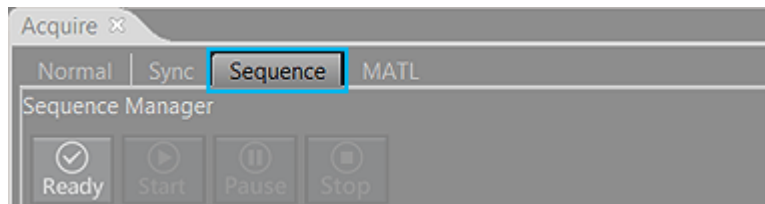
6


After setting all channels, press the **OK** button.




Executing and registering protocol

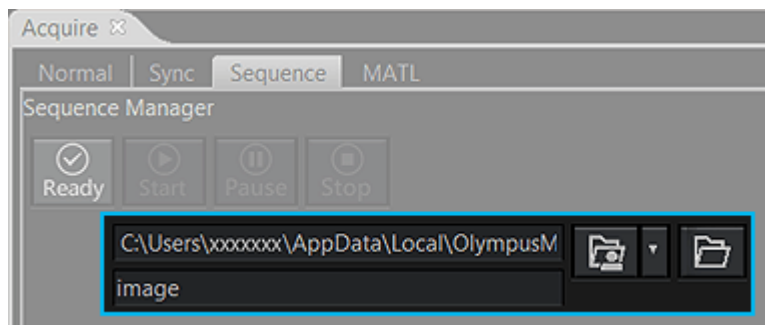
- 1 Select [Sequence] tab in [Acquire] Tool Window.




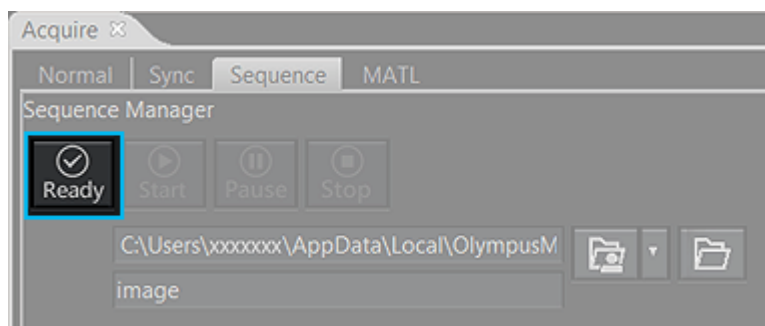
- 2 Press the  button to display the dialog box, and select the folder to save the images.

 In order to organize files easily after acquiring the images, it is recommended to create a new folder before acquiring the images and specify that folder as the save destination of the images.


 The acquired images are saved automatically.

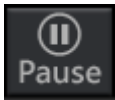
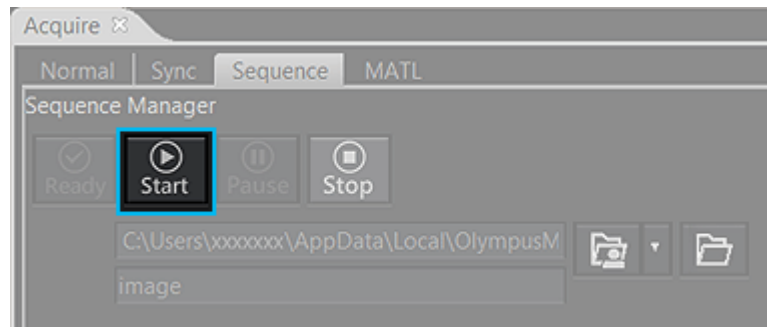


- 3 Press the  button. The protocols set in [\[Sequence Manager\] Tool Window](#) are registered to the system of the laser microscope.



- 4

Press the  button. The protocols start (are executed).



: The running protocols are paused.



: The running protocols are stopped.



**If you started the protocol by ticking [append task as Ch/ λ data] or [append each task in each cycle as T series data] in [Sequence Manager] Tool Window, do not close the window of the acquired image until the protocol finishes.
If the window of the acquired image is closed during executing the protocol, the append process is not executed.**