

## Configuration Practice Sheet 4

Try setting up for the following dyes:

Name	Peak Ex	Peak Em	1	2	3	4	5	6
Bodipy	502	511						
Mitotracker Red	578	598						

### Available Laser Lines #1

458 nm  
488 nm  
514 nm  
543 nm  
633 nm

### Main Dichroics (HFT) #2:

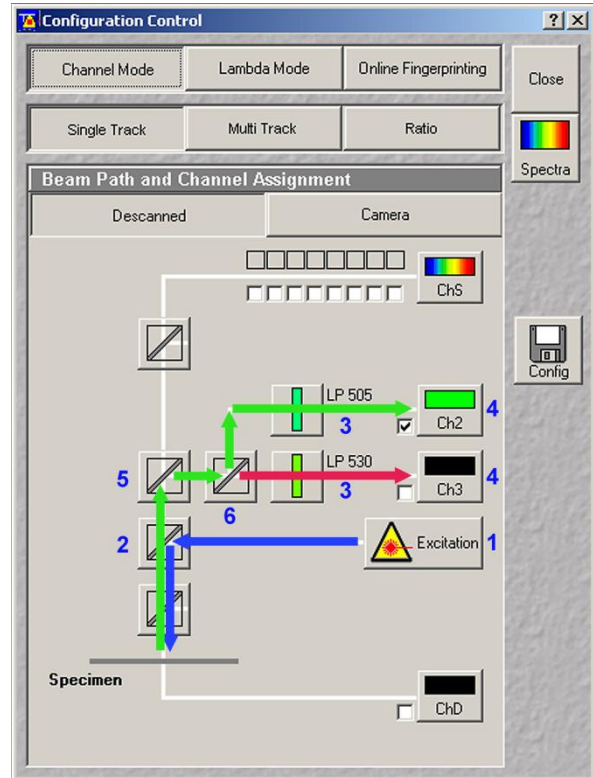
NT 80/20  
HFT UV/488/543/633  
HFT 477/543  
HFT 488/543  
HFT 458/514  
HFT 514/633  
HFT 458  
HFT 488

### Emission Filters Ch2 #3:

LP 475  
LP 505  
BP 475-525  
BP 500/20 IR  
BP 505-530  
BP 530-600  
BP 505-550  
Empty

### Emission Filters Ch3 #3:

LP 530  
LP 560  
BP 560-615  
BP 585-615  
Empty  
LP 650  
LP 505



### Secondary Dichroics 1 (NFT) #5:

None (2) – Empty Positions  
Mirror  
NFT 545  
NFT 570  
NFT 633 VIS  
NFT KP 545  
Plate (allows passage of 100% light)

### Secondary Dichroics 2 (NFT) #6:

Mirror  
NFT 515  
NFT 545  
Plate

Double check your lightpath to make sure it all works. GREEN arrows are reflected and RED arrows are passed straight through.