

Dichroic mirrors and emission filters
installed on the Biochemistry LSM 510/Confocor

LSM (IMAGING) OPTICS				
Primary (Laser) Beamsplitter	Emission Beamsplitter # 1 (to Meta)	Emission Beamsplitter # 2 (PMTs)	Channel 2 Filters	Channel 3 Filters
458	545	515	LP 475	LP 505
488	570	545	LP 505	LP 530
458/514	635 Vis		BP 475-525	LP 560
477/543	KP 545 (shortpass)		BP 500/20 IR	LP 585
488/543			BP 505-530	LP 650
514/633			BP 505-550	BP 560-615
UV/488/543/633			BP 530-600	BP 585-615
BS 80/20				
The Meta detector (channel S) is a 32-channel spectral detector, with a minimum channel width of 10.7nm. Eight channels can be measured per scan.				

CONFOCOR (FCS) OPTICS				
Primary (Laser) Beamsplitters	Emission Beamsplitter	Channel 1 Filters	Channel 2 Filters	
458	500	LP 560	LP 475	
488	570	LP 585	LP 505	
514	610	LP 650	LP 530	
543	BS 50/50	BP 530-600	BP 475-525	
633		BP 560-615	BP 505-530	
488/633		BP 585-615	BP 505-550	
458/543		BP 600-650	BP 530-600	
488/543			BP 600-650	

