



LSM 700
Confocal



Lasers and Emission Filters

Lasers:

405 nm

488 nm

555nm

639nm

Zeiss Confocal
Microscope is located in
Brody 3S-08

Emission Filters: (SP=short pass, BP=band pass, LP=Long Pass)

PMT1

SP – 490nm

SP – 555nm

SP – 640nm

BP 420-475 + BP 500-610 (this can be used with the 405 and 488 laser)

PMT2

LP – 490nm

LP – 560nm

LP – 640nm

BP 555-610 + LP 658 (this can be used with the 555 and 639 laser)

The emission filter setting can be adjusted if necessary with VOD (variable optical dichroic).

Up to 4 emissions can be collected when the correct dyes are chosen.

