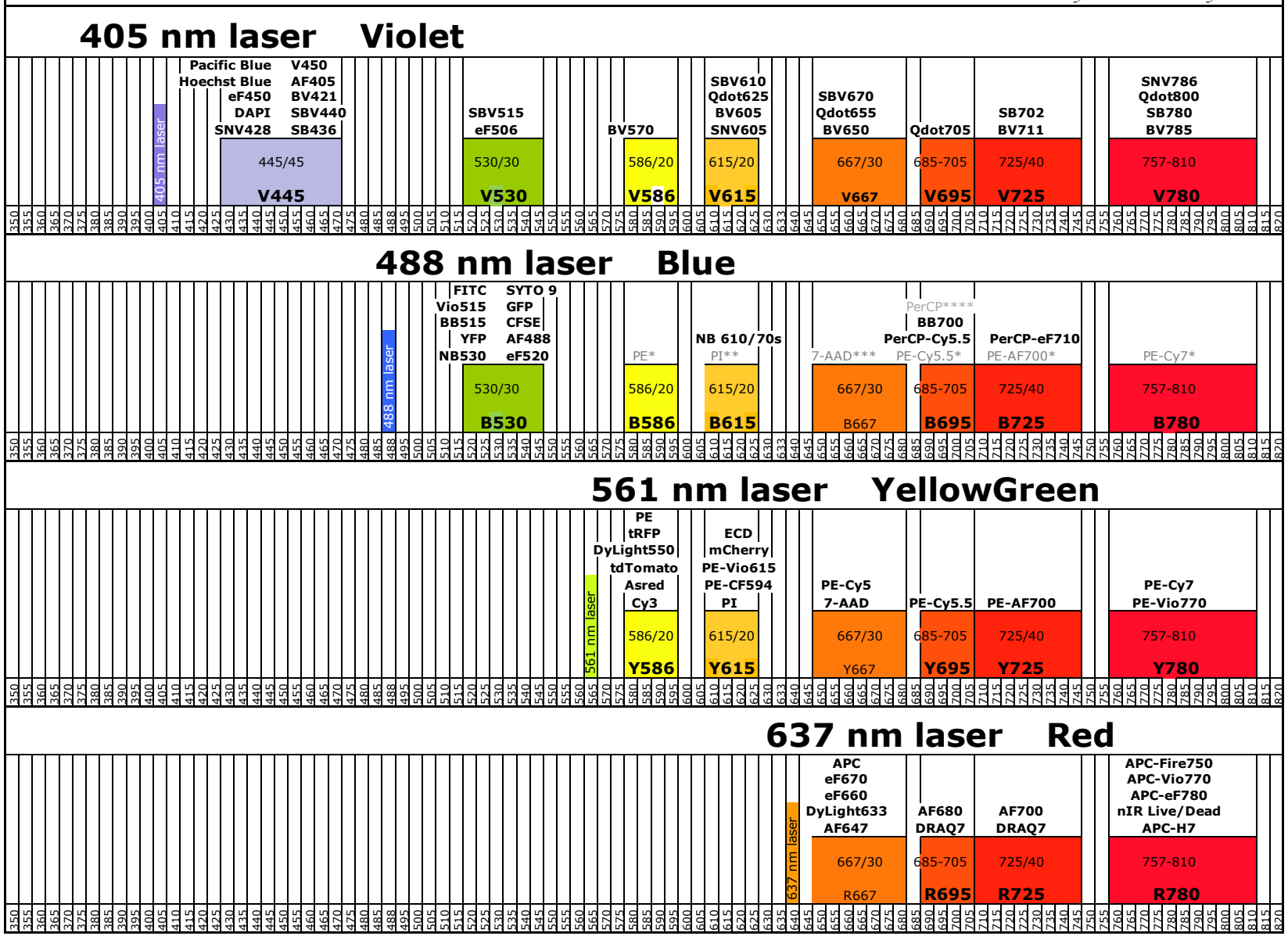
Lasers and Filters at the NovoCyte Quanteon Flow Cytometer

March 2023. Facs Core Facility, Aarhus University.



SNV = Super Nova Violet
AF = Alexa Flour
BV = Brilliant Violet
eF = eFlour
NB = Nova Blue
SB = Super Bright
SBV = Star Bright Violet
V450 = BD Horizon V450
BB = Brilliant Blue

* PE - and PE tandems - will be exited with 61,6% efficiency from the blue laser and with 94,3% efficiency from the yellow-green laser

** PI will be exited with 41,4% efficiency from the blue laser and with 58,1% efficiency from the yellowgreen laser

*** 7-AAD: 57,4% from blue and 91,2% from yellowgreen laser

**** We do not recommend using PerCP on the Quanteon: only 13% of the emmision peak falls within the B695 filter