## Effect of blood on FAD signal 600 Peak fluorescent signal/Arb. 310nm 310nm Fluorescent peak shift/nm 500 365nm 365nm 450nm 450nm 400 480nm 480nm 300 200 100 0 Normalised Fluorescent signal/Arb. Blood volume multiplier/# Blood volume multiplier/# 1.0 Blood volume for $\lambda = 365$ nm Flurophore Peak 0.8 0.0 0.6 0.5 1.0 0.4 2.0 0.2 0.0 400 450 500 550 600 650 700 Wavelength/nm