

**Supplementary Table S1. Image Acquisition Parameters for Various Dyes**

Dye	Filter cube	Bandpass (nm)		Exposure time (ms)	
		Excitation	Emission	Widefield	Confocal
Hoechst	DAPI	377/50	447/60	20	500
Calcein AM	FITC	482/35	536/40	2	40
EthD-1	Texas Red	560/25	632/22	30	500
Caspase 3/7	FITC	482/35	536/40	20	200