

Materials List for:

Triggering Cell Stress and Death Using Conventional UV Laser Confocal Microscopy

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Materials

Name	Company	Catalog Number	Comments
Agarose low melting	Fisher-Scientific		Dissolve in egg water with tricaine (0.02%) at 0.8 - 1.5%
Tricaine	Argent Labs	MS-222	0.02%
Harvard standard wall Borosilicate with filament Capillary Glass	World Precision Instruments, Inc.	GC100F-10 (short) GC100F-15 (long)	Pull to a resistance of 2 - 7 MΩ
Egg water			0.6 g Instant Ocean sea salt, 4 mL of 1 mg/mL methylene blue in 10 L deionized water
1-phenyl-2-thiourea (PTU)	Sigma	P7629	
Pronase	Sigma	10165921001	
Heat block	Select BioProducts	Digital block heater (SBD110_)	
Microinjection apparatus	World Precision Instruments, Inc.		Microinjection was performed by hand under a stereomicroscope (Leica) with a loaded glass needle and a Picospritzer II (General Valve corporation)
Stereoscope	Leica		Bright field illumination microscopy was performed on a Leica M165FC stereo dissection microscope (Leica)
Microscope	Leica	SP5	
35 mm glass bottom dish	MatTek Corporation	P35G-0-20-C	