

Materials List for:

# Controlling Electrospun Polymer Morphology for Tissue Engineering Demonstrated Using hepG2 Cell Line

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## Materials

Name	Company	Catalog Number	Comments
10 mm biopsy punch	Acuderm	P1025	
15 mL Falcon tube	Thermo-scientific	339650	
20 mL glass vial	Fisherbrand	11513542	
48 well cell culture plate	Greiner Bio-one	677180	
Anti-Anti 100X	Gibco	15240062	
Chloroform	Acros Organics	13029236	
DAPI	Sigma-aldrich	D9542	
Eagles Minimum Essential Media	Gibco	11090081	
Electrospinner	IME Technologies	EC-DIG	
Fetal Bovine Serum	GE Healthcare	SH30071.03	
Gold-Palladium Sputter coater	Emscope	SC500A	
HepG2 cell line	Sigma-aldrich	85011430	
Hexafluoroisopropanol (HFIP)	Manchester Organics	G26383	
L-Glutamine 200 mM	Gibco	25030081	
MEM Non-essential Amino Acids	Gibco	11140050	
Methanol	Acros Organics	11984591	
Penicillin-Streptomycin 10,000 U/ mL	Gibco	15140122	
Phalloidin	Abcam	ab176754	
Phosphate Buffered Saline (PBS)	Sigma-aldrich	P4417-100TAB	
Plasma coater	Harrick Plasma	PDC-002	
Polycaprolactone (Avg. MW 80,000)	Sigma-aldrich	440744	
PTFE Syringe	Fisherbrand	12941031	
Scanning Electron Microscope	Hitachi	S4700	
T75 Culture Flask	Corning	CLS430641	
Trypan blue (0.4%)	Gibco	15250061	