

Materials List for:

Electrospun Nanofiber Scaffolds with Gradations in Fiber Organization

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Materials

Name	Company	Catalog Number	Comments
Polycaprolactone	Sigma-Aldrich	440744	
N,N-Dimethylformamide	Fisher Chemical	D-119-1	
Dichloromethane	Fisher Chemical	AC61093-1000	
Coumarin 6	Sigma-Aldrich	546283	
Adipose Derived Stem Cells	Cellular engineering Technologies	HMSC.AD-100	
Fetal Bovine Serum	Life Technologies	26140-111	
Fluorescein Diacetate	Sigma-Aldrich	F7378	
Ethanol	Sigma-Aldrich	E7023	
Trypsin-EDTA	Invitrogen	25300-054	
α -Modified Eagle's Medium	Invitrogen	a10490-01	
Acetone	Fisher Scientific	s25120a	
Phosphate Buffered Saline	Invitrogen	10010023	
Glass Slides	VWR international, LLC	101412-842	
Syringe Pump	Fisher Scientific	14-831-200	Single syringe
Ultrasonic Cleaner	Branson	1510	
High Voltage DC Power Supply	Gamma High Voltage Research	ES30	
Scanning Electron Microscope	FEI	Nova 2300	
Fluorescence Microscope	Zeiss	Axio Imager 2	