

Materials List for:

Programming Stem Cells for Therapeutic Angiogenesis Using Biodegradable Polymeric Nanoparticles

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Materials

Name	Company	Catalog Number	Comments
DMEM	Invitrogen	11965	
Fetal Bovine Serum	Invitrogen	10082	
Penicillin/Streptomycin	Invitrogen	15070	
Basic Fibroblast Growth Factor	Peptotech	100-18B	
1,4-Butanediol Diacrylate (90 %)	Sigma Aldrich	411744	Acronym: C
5-amino-1-pentanol (97 %)	Alfa Aesar	2508-29-4	Acronym: 32
Tetraethyleneglycoldiamine >99 %)	Molecular Biosciences	17774	Acronym: 122
Sodium Acetate	G-Biosciences	R010	
Phosphate Buffered Saline	Invitrogen	14190-144	
Tetrahydrofuran Anhydrous (>99.9 %)	Sigma Aldrich	401757	
Diethyl Ether Anhydrous (>99 %)	Fisher Scientific	E138-4	
DMSO Anhydrous (>99.9 %)	Sigma Aldrich	276855	
Gelatin	Sigma Aldrich	G9391	
Trypsin-EDTA	Invitrogen	25200	
D-luciferin	GoldBio		
Optimal Cutting Temperature (O.C.T)	Tissue-Tek	4583	
Rat anti-Mouse CD31	BD Pharmingen	550274	
Alexa Fluor 594 anti-rat IgG	Invitrogen	A11007	