

Materials List for:

# Initiating Differentiation in Immortalized Multipotent Otic Progenitor Cells

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## Materials

Name	Company	Catalog Number	Comments
CoolCell LX Alcohol-Free Cell Freezing Containers	BioCision	BCS-405	
Cryogenic Vials (2 ml)	Corning	430654	
1.5 Thickness Glass Coverslip (Round 12 mm)	Electron Microscopy Sciences	72230-01	
DMEM/F12	Life Technologies	11320-082	
Neurobasal Medium	Life Technologies	21103	
Phosphate Buffered Saline (PBS) pH 7.4	Life Technologies	10010-023	
Hank's Balanced Salt Solution (HBSS)	Life Technologies	14025-092	
B27 Supplement (50X) Serum Free	Life Technologies	17504-044	Stored as 1 ml aliquots
L-Glutamine(200 mM)	Life Technologies	25030-081	Stored as 5 ml aliquots
Natural Mouse Laminin	Life Technologies	23017-015	Stored as 1 mg/ml aliquots
Click-iT EdU Alexa Fluor 488	Life Technologies	C10337	
Synth-A-Freeze Cryopreservation Media	Life Technologies	A12542-01	
Prolong Gold Antifade Mountant	Life Technologies	47743-736	Stored as 10 mg/ml 100 µl aliquots
Moxi Z Mini Automated Cell Counter	Orflo	MXZ001	
Moxi Z Cassette Type S	Orflo	MXC002	
Recombinant Murine Fibroblast Growth Factor, basic (bFGF)	Peptotech	450-33	Resuspended in 0.1% BSA in H2O and stored as 20 mg/ml aliquots
Poly-D-Lysine	Sigma	P7886	Resuspended in 1X PBS and stored as 10 mg/ml 100 µl aliquots
Carbenicillin, Disodium Salt	Thermo Fisher Scientific	BP2648-1	Resuspended in 10 mM Hepes pH 7.4 and stored as 100 mg/ml aliquots
5 ml pipet individually wrapped paperback (200/case)	Thermo Fisher Scientific	1367811D	
10 ml pipet individually wrapped paperback (200/case)	Thermo Fisher Scientific	1367811E	
Tissue Culture Treated Biolite 24-Well Plate	Thermo Fisher Scientific	130188	
Tissue Culture Treated Biolite 6-Well Plate	Thermo Fisher Scientific	130184	
Tissue Culture Treated 6 cm Dish	Thermo Fisher Scientific	130181	
EMD Millipore Millex Sterile Syringe PVDF Filter Pore size: 0.22 µm	Thermo Fisher Scientific	SLGV033RS	

TipOne filter pipet tips 0.1 - 10 $\mu$ l elongated filter tip	USA Scientific	1120-3810	
TipOne filter pipet tips 1 - 20 $\mu$ l filter tip	USA Scientific	1120-1810	
TipOne filter pipet tips 1 - 200 $\mu$ l filter tip	USA Scientific	1120-8810	
TipOne filter pipet tips 101 - 1000 $\mu$ l filter tip	USA Scientific	1126-7810	
15 ml conical tubes sterile 20 bags of 25 tubes (500 tubes)	USA Scientific	1475-0511	
50 ml conical tubes sterile 20 bags of 25 tubes (500 tubes)	USA Scientific	1500-1211	