

Materials List for:

# Preparation of Neuronal Co-cultures with Single Cell Precision

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## Materials

Name	Company	Catalog Number	Comments
PDMS Sylgard 184	Dow Corning		
PDMS Elastosil RT 601	Wacker		
Coverslips	VWR	630-1590	130-160 mm thick
3 mm biopsy punches	Kai Medical		Handle with care - extremely sharp
Tygon tubing	Fisher Scientific	S-50-HL	1.65 mm ID; 3.35 mm OD
1 ml syringe (Injekt and Omnifix)	Braun	6064204	
4-Way tubing connector	VWR or Fisher Scientific		
Flow regulator	Harvard Apparatus	722645	
0.5 mm pins	Dressmaking Departments		
PLL-g-PEG	SuSoS	PLL(20)-g[3.5]-PEG(5)	Stability in storage can be an issue
poly-D-lysine	Sigma-Aldrich	P6407	
Polylysine-FITC	Sigma-Aldrich	P3069	
Polyornithine	Sigma-Aldrich	P4957	
Fibronectin	Sigma-Aldrich	F2006	
Laminin	Sigma-Aldrich	L2020	
PBS	Sigma-Aldrich	P4417	
Inverted fluorescent microscope			
Example aspiration pump	KNF Neuberger, Laboport	N811KVP	
Hand held corona discharge device	Leybold-Heraeus, USA	VP23	May not comply with your country's safety standards
Femto plasma oven	Diener Electronic		
Vacuum dessicator or centrifuge			