

Materials List for:

Laser Nanosurgery of Cerebellar Axons *In Vivo*

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Materials

Name	Company	Catalog Number	Comments
Lab standard stereotaxic, rat and mouse	Stoelting	51670	
Borosilicate glass with filament	Sutter Instrument Inc	BF100-50-10	
Germinator 500 (Glass bead sterilizer)	Roboz		
Microinjection dispense system	Picospritzer		
Small diameter round cover glass, #1 thickness, 3 mm, 100 pack (CS-3R)	Warner Instruments	64-0720	
Ti:Sapphire laser, 120 fsec width pulses, 90 MHz repetition rate	Coherent	Chameleon	
Spongostan, hemostatic sponge	Ferrosan	MS0005	
Galvanometric mirrors	GSI Lumonics	VM500+	
Objective	Olympus	XLUMPLFLN 20xW	
Piezoelectric stage	Physik Instrumente	P-721	
Photomultiplier modules	Hamamatsu Photonics	H7710-13	
LabVIEW System Design Software	National Instruments		
Voren, 1 mg/ml (dexamethasone-21- isonicotinate)	Boheringer Ingelheim		
Rymadil (carprofen)	Pfizer		
Lidocaine clorohydrate 2%	ATI		
Alexa488 dextran	Life Technologies	D22910	