

Materials List for:

Laser-scanning Photostimulation of Optogenetically Targeted Forebrain Circuits

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Materials

Name	Company	Catalog Number	Comments
Polybrene	Santa Cruz Biotech	SC134220	
Paraformaldehyde 32% solution	EMS	15714	
VECTASHIELD	Vector Labs	H-1400	
AAV viral constructs	UNC Vector Core	NA	
Mouse stereotactic headholder	Stoelting	51730	
Nanocool injector	Harvard Apparatus	703040	
UV laser: 355 nm, Nd:YVO4; 1 W;	DPSS Lasers, Inc	3500	
Galvanometers	Cambridge Scanning	6210	
mirrors	Cambridge Scanning	6m2003S-A	
mount	Cambridge Scanning	6102103L	
cable	Cambridge Scanning	6010-19-120	
driver/controller	Cambridge Scanning	67121-1	
Shutter - ZM coated (UV-compatible)	Uniblitz	L23-ZM2	
Shutter Controller	Uniblitz	VMM-D1	
Current Amplifier	Stanford Research Systems	SR570	
6713 board	National Instruments	777741-01	
2110 break-out box	National Instruments	777643-01	
PCI-MIO-16E-4	National Instruments	777383-01	
BNC-2090	National Instruments	777270-01	
Cables	National Instruments	184749-01	
MATLAB	Mathworks		
TCS SP2	Leica Microsystems		