

Materials List for:

Acute Brain Trauma in Mice Followed By Longitudinal Two-photon Imaging

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Materials

Name	Company	Catalog Number	Comments
2A-sa dumb Tweezers, 115 mm	XYtronic	XY-2A-SA	
30 G ½ in needle	BD	REF 304000	
Animal trimmer, shaving machine	Aesculap	Isis GT420	
Binocular Microscope	Zeiss	Stemi 2000	
Biological Temperature Controller with stainless steel heating pad	Supertech	TMP-5b	
Blunt microsurgical blade	BD	REF 374769	
Borosilicate tube with filament	Sutter Instruments	BF120-69-10	For glass pipette production
Carprofene	Pfizer	Rimadyl vet	
Chlorhexidine digluconate	Sigma	C9394	
Dental cement	DrguDent, Dentsply	REF 640 200 271	
Dexamethasone	FaunaPharma	Rapidexon vet	
Disposable drills	Meisinger	HP 310 104 001 001 008	
Dulbecco's PBS 10x	Sigma	D1408	
Dumont #5 forceps, 110 mm	FST	91150-20	
Ealing microelectrode puller	Ealing	50-2013	Vertical puller for glass pipette production
Eye ointment	Novartis	Viscotears	
Foredom drill control	Foredom	FM3545	
Foredom micromotor handpiece	Foredom	MH-145	
Gas anesthesia platform for mice	Stoelting	50264	Assembled on stereotaxic instrument
Hemostasis Collagen Sponge	Avitene, Ultrafoam BARD	Ref 1050050	
Imaris	Bitplane		
Ketamine	Intervet	Ketaminol vet	
Mai Tai DeepSee laser	Spectra-Physics		
Metal holder	Neurotar		
Microdressing forceps, 105 mm	Aesculap	BD302R	
Microfil	WPI	MF34G-5	Micro syringe filling capillaries
Mineral oil	Sigma	M8410	
Multiphoton Laser Scanning Microscope	Olympus	FV1000MPE	
NanoFil Syringe 10 µl	WPI	NANOFIL	Hamilton syringe
Nonwoven swabs 5 x 5	Molnlycke Health Care	Mesoft	Surgical tampons
Polyacrylic glue	Henkel	Loctite 401	
Round glass coverslip	Electron Microscopy Sciences		

1.5 thickness			
Small animal stereotaxic instrument	David Kopf Instruments	900	
Stoelting mouse and neonatal rat adaptor	Stoelting	51625	Assembled on stereotaxic instrument.
Student iris scissors, straight 11.5 cm	FST	91460-11	
Sulforhodamine 101	Molecular Probes	S-359	
UMP3 microsyringe pump and Micro 4 microsyringe pump controller	WPI	UMP3-1	Microinjector and controller
Xylazine	Bayer Health Care	Rompun vet	