

Materials List for:

Simultaneous Long-term Recordings at Two Neuronal Processing Stages in Behaving Honeybees

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Materials

Name	Company	Catalog Number	Comments
Paraffin oil	Fluka	76235	
Odors	Sigma Aldrich		
PBS			pH 7.2
4% Formaldehyde	ThermoScientific	28908	Methanol free
Triton X	BioChemica	A1388	
Methylsalicylate	Roth	4529.1	
Tetramethylrhodamin dextran, 10,000 MW (Mircoruby)	Invitrogen	D7162	keep dark
Alexa 488 hydrazide	Invitrogen	A-10436	keep dark
Alexa 568 hydrazide	Invitrogen	A-10437	keep dark
Bee Ringer Solution	see Brill <i>et al.</i> ²		
Polyurethane-coated copper wire	Elektrisola	15 µm diameter & P155 insulation	
Dental Wax	Densply Detrey	64103015S1	moderate melting point
Dental Wax	Flexaponal	124-202-00	low melting Wax
KWIK SII	WPI	03L	
18 Pin Socket	Conrad Electronic	189634-62	
Hot melting glue	Conrad Electronic	827673	
Soldering needle	Conrad Electronics	830283	12 V
Soldering terminal lug	Conrad Electronic	531901	
Glaselectrodes	WPI	1B100F-3	
Minutien Pins	Fine Science Tools	26002-20	V2A 0.2 x 12 mm
Switchable headstage	Tucer Davis Technologies	SH16	
Headstage connection module	NPI	INT-03M	
Amplifier Module	NPI	PDA-2F	
Data Acquisition boards	National Instruments	NI-6123, Ni-6143	
Acquisition Software	National Instruments	Lab View 8.2	custom design
Spike-Sorting	CED	Spike 2 v7.11	
Matlab	Mathworks	R2008B	
Micromanipulator	Leitz		manual
AG-wires	WPI	AGT05100	
Confocal laser scanning microscope	Leica	TCS SP2 AOBS	
AMIRA	Mercury Computer Systems	2/5/2000	