

Materials List for:

Correlative Confocal and 3D Electron Microscopy of a Specific Sensory Cell

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Materials

Name	Company	Catalog Number	Comments
Phosphate buffered saline	Life technologies	10010023	
Heparin sodium salt	Sigma	H4784	
Paraformaldehyde	Sigma	158127	4%, freshly made in PBS, final pH 7.4
Glutaraldehyde	Sigma	G5882	
Dental wax	Electron Microscopy Sciences	72660	
Low-melting agarose	Life technologies	16520-100	5%, freshly made in PBS
Standard Tissue-Tek Cryomold	Electron Microscopy Sciences	62534-25	
DAPI nuclear stain	Life technologies	D1306	
Postively charged glass slides and coverslips			
Fine art paintbrush #1			
Cacodylate buffer	Electron Microscopy Sciences	11650	
Tannic acid	Electron Microscopy Sciences	21700	
EMbed 812 kit	Electron Microscopy Sciences	14120	
Liquid releasing agent	Electron Microscopy Sciences	70880	
Liquid silver colloidal	Electron Microscopy Sciences	12630	
CircuitWorks conductive epoxy	ITW Chemtronics	CW2400	
Variable flow peristaltic pump	VWR	70730-064	
VT1200S Vibrating blade microtome	Leica		
Zeiss 780i confocal microscope	Carl Zeiss		
Sigma VP Scanning Electron Microscope	Carl Zeiss		
3view system	Gatan		
Renovo Neural Inc (Cleveland, OH)		http://www.renovoneural.com	Renovo provides 3d EM services
Fiji software	Open access software		
Computer station with 16 GB of RAM or more			
Data visualization software Imaris 7.5	Bitplane		