

Materials List for:

Time-lapse Live Imaging and Quantification of Fast Dendritic Branch Dynamics in Developing *Drosophila* Neurons

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Materials

Name	Company	Catalog Number	Comments
Chameleon Vision II multiphoton laser	Coherent		
High vacuum grease	Dow Corning	79751-30	
LSM 780 two-photon laser scanning confocal microscope	Carl Zeiss		upright configuration
Microscope Cover Glass	Fisher Scientific	12-544-E	
Superfrost Plus Microscope Slides	Fisher Scientific	12-550-15	
Software			
Excel	Microsoft		for processing .csv files
Huygens Professional	Scientific Volume Imaging	for drift correction and deconvolution	
Imaris	Oxford Instruments		for 3D visualization and image annotation
Reagents			
Glucose			
HEPES			
KCl			
MgCl ₂			
NaCl			
NaHCO ₃			
PBS			
Sucrose			
TES			