## Materials List for: Using Single Sensillum Recording to Detect Olfactory Neuron Responses of Bed Bugs to Semiochemicals

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## **Materials**

Name	Company	Catalog Number	Comments
Tungsten wire	A-M SYSTEMS	#716500	Used for preparing the electrode
KNO2	Sigma	#310484	Used for sharpening the tungsten wire
AC Power Supply	BK Precision	1653A	Providing the voltage in sharpening the tungsten wire
Leica Z6 APO Microscope	Leica	10447424	Used for observing the sensilla on antennae
Simulus controller	Syntech	CS-55	Used for controlling the stimulus application
4-Channel USB Acquisition Controller	Syntech	IDAC-4	Real-time on screen display of all signals before and during recording
Light Source	SCHOTT	A20500	Providing light sources for observation
Micromanupulator	Leica	115378	Used for minor movement of electrode
Speaker	Juster	95a	Connected with Acquisition Controller IDAC-4 and providing sound for the signal
Magnetic stand	Narishige	GJ-1	Used to hold the reference electrode, stablized bed bug and stimulus delivery tube
TMC Vibration Isolation Table	ТМС	63-500	Used for isolating the vibration from the equipments
Coverslip	Tedpella	2225-1	Used for holding the bed bug
Double-sided Tape	ЗМ	XT6110	Used for stablizing the bed bug on the coverclip
Dental Wax	Dentakit	DK-R012	Used for supporting the coverclip where bed bug is stablized