

Materials List for:

# Studying the Neural Basis of Adaptive Locomotor Behavior in Insects

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URL: <https://www.jove.com/video/2629>

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## Materials

Name	Company	Catalog Number	Comments
2-component epoxy glue	UHU plus, UHU GmbH, Germany		
glass screens (diameter 130mm)	Linos Photonics		
dental cement	ProTemp II, 3M ESPE, Seefeld, Germany	3M Id : 70-2011-0358-0 Catalog Number : 46430	Available through 3M ( <a href="http://www.3m.com/">http://www.3m.com/</a> ) or dental suppliers
fluorescent pigments	Dr. Kremer Farbmühle, Aichstetten, Germany	Cat.#s: i.e 56200 Fluorescent Pigment Golden Yellow 56350 Fluorescent Pigment Flame Red	<a href="http://kremer-pigmente.de/en">http://kremer-pigmente.de/en</a> or <a href="http://www.kremerpigments.com/">http://www.kremerpigments.com/</a>
histoacrylic glue	3M		supplier: WPI
coated copper wire	Elektrisola Eckernhagen		<a href="http://www.elektrisola.com/">http://www.elektrisola.com/</a>
electrode cream	Marquette Hellige, Freiburg, Germany		Product is now discontinued, we suggest for example: <a href="http://www.grasstechnologies.com">www.grasstechnologies.com</a>
pulse generator	Model MS501, electronics workshop, Zoological Institute, Cologne, Germany		
lock-in-amplifier	Zoological Institute		
AD converter	Cambridge Electronic Design		
preamplifier	Zoological Institute		
high speed video camera	Allied Vision Technologies		
UV LED arrays	Zoological Institute		30-50V DC, electronics workshop λ390-395nm Luminance 24cd
Digitalizing software Spike2	Vers.5.05, CED, Cambridge, UK		
motion tracking software	Mikromak service, Berlin, Germany	WINalyze, Vers.1.9	