

Materials List for:

# A Method for Remotely Silencing Neural Activity in Rodents During Discrete Phases of Learning

Siobhan Robinson<sup>1</sup>, Julia S. Adelman<sup>1</sup>

<sup>1</sup>Department of Neuroscience, Oberlin College

Correspondence to: Siobhan Robinson at [Siobhan.Robinson@Oberlin.edu](mailto:Siobhan.Robinson@Oberlin.edu)

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## Materials

Name	Company	Catalog Number	Comments
Male, Long Evans Rats, 55-60 days old	Hilltop Lab Animals Inc		
rAAV8/hSyn-HA-hM4D(Gi)-IRES-mCitrine	Virus Vector Core		Caution: This is a BSL-1 compound
rAAV8/hSyn-GFP	Virus Vector Core		Caution: This is a BSL-1 compound
Clozapine-N-oxide	R&D Systems	4936-10	Designer drug
Rat Cage lid (polycarbonate)	Alternative Design	FT 8XL-PC	Used to cover animal cages 48-72 hr post infusion
Filter paper (replacement)	Alternative Design	FP-R-1018XAD	Filter paper that goes with cage lids
Table top vise	JETS	2201-265	For holding microcentrifuge tubes containing AAV in the hood
Biohazard trash bags	Staples	113444	Medline biohazard liners
Biohazard trash can	Amazon.com		United Solutions 34 gallon rectangular wheeled trashcan with hook and lock handle
Isoflurane, 100 ml	Patterson Veterinary Supply Inc.	07-890-8540	Anesthetic
Dual small animal stereotaxic with digital display readout console	David Kopf	Model 942	Surgical equipment
Non-rupture ear bars, set of 2 (rat)	David Kopf	Model 955	Surgical equipment
Anesthesia mask (rat)	David Kopf	Model 906	Surgical equipment
High speed stereotaxic drill includes table top motor controller, foot pedal, handpiece, stereotaxic handpiece holder	David Kopf	Model 1474	Surgical equipment
Microdrill burrs, 0.9 mm	Fine Science Tools Inc	19007-09	Surgical supply
Automated syringe pump with micro4 controller	David Kopf	Model UMP3-1	Surgical equipment
Pro-animal detachable ceramic blade clipper kit	Ahdis	21420	Surgical supply
Betadine skin cleanser	Perdue Products L.P	67618-149-04	Surgical supply
Triple antibiotic ointment	Medline Supply	53329-087-01	Surgical supply
Puralube vet ointment	Only Veterinary Supply	17033-211-38	Surgical supply
Dino-lite	Microscope	AD7013MTL	An alternative to the traditional dissection scope
Dino-lite rigid table-top boom stand	Microscope	MS36B	Surgical equipment
28 G 10 µl syringe	Hamilton	80308-701SN	Surgical equipment

Extra tall MDF sound attenuating cubicle	Med Associates, Inc	ENV-018MD	22' W x 22" H x 16" D
Extra tall modular test chamber	Med Associates, Inc	ENV-007	Behavioral equipment
Stainless steel grid floor	Med Associates, Inc	ENV-005	Behavioral equipment
House light	Med Associates, Inc	ENV-215M	Used as the house light and stimulus light
Modular pellet dispenser	Med Associates, Inc	ENV-203M-45	Behavioral equipment
Pellet receptacle, cup type	Med Associates, Inc	ENV-200R1M	Behavioral equipment
Head entry detector for rat	Med Associates, Inc	ENV-254-CB	Behavioral equipment
Dustless precision food pellets, 45 mg	Bio-Serv	F0165	Behavioral supply
Cage speaker for rat chamber	Med Associates, Inc	ENV-224AM	Behavioral equipment
Programmable audio generator	Med Associates, Inc	ANL-926	Behavioral equipment
Smart ctrl 8 input/16 output package	Med Associates, Inc	DIG-716P2	Behavioral equipment
Large table-top cabinet and power supply	Med Associates, Inc	SG-6510D	Behavioral equipment
PCI interface package	Med Associates, Inc	DIG-700P2-R2	Behavioral equipment
MED Intel core computer pkg with X Pro 19" monitor	Med Associates, Inc	COM-103V	Behavioral equipment
Paraformaldehyde (granular), 1 kg	Electron Microscopy Sciences	19210	Hazard: carcinogen, weigh in hood
Rabbit monoclonal antibody (HA-Tag)	Cell Signaling Technologies	3724S	Histology reagent
XP Rabbit monoclonal antibody (GFP)	Cell Signaling Technologies	2956S	Histology reagent
Anti-rabbit IgG	Cell Signaling Technologies	4412S	Histology supplies
Superfrost plus slides	VWR international	483111-703	Histology supplies