

Materials List for:

Non-Invasive Strategies for Chronic Manipulation of DREADD-Controlled Neuronal Activity

Jesse Zhan¹, Ruchi Komal¹, William T. Keenan², Samer Hattar¹, Diego C. Fernandez¹

¹Section on Light and Circadian Rhythms (SLCR), National Institute of Mental Health

²Howard Hughes Medical Institute, Department of Neuroscience, Scripps Research Institute

Correspondence to: Diego C. Fernandez at diego.fernandez@nih.gov

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Materials

Name	Company	Catalog Number	Comments
BSA	Sigma life science	#A2153-100G	Lyophilized powder ≥96% (agarose gel electrophoresis)
C57BL/6J mice	The Jackson laboratory	#000664	male mice, 3 months old
Capillaries	Drummond Scientific Company	#3-000-203-G/X	Outer diameter: 1.14 in.
Clozapine-N-oxide	Sigma	#C0832	5mg
Forane	Baxter	#NDC 10019-360-60	Isoflurane, USP
Microinjector III	Drummond Scientific Company	#3-000-207	Nanoject III - Programmable Nanoliter Injector
Mounting media	Invitrogen	#P36930	Prolong Gold antifade reagent
Paraformaldehyde	Electron Microscopy Sciences	#15710	16% aqueous solution (methanol free), 10 ml
Primary c-Fos Antibody	Cell signaling technology	#2250S	c-Fos (9F6) Rabbit mAb (100µl)
rAAV5/hSyn-hm3D-mCherry	UNC Vector Core		Titer: ~3x10 ¹² vg/mL
rAAV5/hSyn-mCherry	UNC Vector Core		Titer: ~3x10 ¹² vg/mL
Secondary Antibody	Invitrogen	#A21206	Alexa Fluor TM 488 Donkey anti-rabbit IgG(H+L), 2mg/ml
Triton X-100	americanbio.com	#AB02025-00100	