

Resource Summary Report

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EVALUATION OF TEST ITEMS EFFICACY IN PROMOTING STROKE REHABILITATION IN THE RAT STROKE MODEL (t-MCAO).

DOI:10.17504/protocols.io.bf69jrh6

Type: Protocol

Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bf69jrh6>

Authors: Aharon Levy, Michael Krakovsky

Summary: The objective of this protocol is to present the details of the procedures for evaluating test items' (such as small molecules, biologics, and others) efficacy in promoting stroke rehabilitation, in the rat transient Middle Cerebral Carotid Occlusion (t-MCAO) model.

Associated Publications: Alam JJ, Krakovsky M, Germann U, Levy A (2020) Continuous administration of a p38 γ inhibitor during the subacute phase after transient ischemia-induced stroke in the rat promotes dose-dependent functional recovery accompanied by increase in brain BDNF protein level. PLoS ONE 15(12): e0233073. doi: [10.1371/journal.pone.0233073](https://doi.org/10.1371/journal.pone.0233073)

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