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Catalepsy test in rats

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Protocol status: Working

We use this protocol and it's working

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ASAP (Aligning Science Across Parkinson's)

Abstract

Protocol for performing the catalepsy bar test in rats. This test evaluates muscular rigidity, and can be used in rat models with motor deficits, such as models of Parkinson's disease.



Test

1h

- 1 Bring cages to the behavioral room for at least  01:00:00 prior to the test for habituation 1h
- 2 Place both forepaws of the rat on an horizontal bar elevated so that the rat is in an half rearing position
- 3 Measure the descent latency, defined as the time it takes for both forepaws to be removed from the bar
- 4 Repeat the test three times, with a brief rest in between