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Fear Conditioning

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This protocol is used to test mice in the Fear Conditioning behavioural test.

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Fear Conditioning apparatus

- 1 On day 1, confirm that EthoVision is set up properly for a 6-minute test (with 3 tone-shock pairings of a 30-second tone co-terminated with a 2-second foot shock). 1m
- 2 Place mice into the Fear Conditioning apparatus and start the testing. 6m
- 3 Once testing is complete, return mice to their home cage overnight. 1d

- 4 On day 2, confirm that EthoVision is set up properly for a 6-minute test (no tone or foot shock).^{1m}
- 5 Place mice into the Fear Conditioning apparatus and start the testing. 6m
- 6 Once testing is complete, return mice to their home cage overnight. 1d
- 7 On day 3, confirm that EthoVision is set up properly for a 6-minute test (with 3 minutes of no^{1m} tone/shock, then 3 minutes repeating the 30-second tone without a foot shock). Confirm that the room has a novel scent, noise, and Fear Conditioning apparatus).
- 8 Place mice into the Fear Conditioning apparatus and start the testing. 6m
- 9 Once testing is complete, return mice to their home cage. 1m