

## Accepted Manuscript

Title: Extinction of Pavlovian Conditioning: The Influence of Trial Number and Reinforcement History

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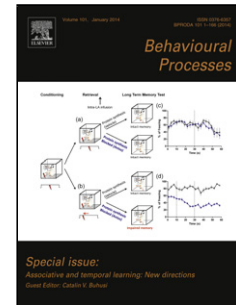
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## Highlights

- Extinction of Pavlovian conditioning is directly proportional to the number of extinction trials, but is not affected by the cumulative duration of exposure to the CS.
- The Partial Reinforcement Extinction Effect can be overcome by increasing the number, but not the duration, of extinction trials of a partially-reinforced CS.
- We conclude that extinction is an event-based process in which animals learn from each occasion that the CS is presented without the US
- What they learn about the absence of the US per trial takes into account how often the US followed the CS during conditioning

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