Accepted Manuscript

Title: Rats with ventral hippocampal damage are impaired at various forms of learning including conditioned inhibition, spatial navigation, and discriminative fear conditioning to similar contexts

Authors: Robert J. McDonald, R.J. Balog, Justin Q. Lee, Emily E. Stuart, Brianna B. Carrels, Nancy S. Hong



PII:	S0166-4328(17)31960-5
DOI:	https://doi.org/10.1016/j.bbr.2018.06.003
Reference:	BBR 11460
To appear in:	Behavioural Brain Research
Received date:	7-12-2017
Revised date:	11-5-2018
Accepted date:	2-6-2018

Please cite this article as: McDonald RJ, Balog RJ, Lee JQ, Stuart EE, Carrels BB, Hong NS, Rats with ventral hippocampal damage are impaired at various forms of learning including conditioned inhibition, spatial navigation, and discriminative fear conditioning to similar contexts, *Behavioural Brain Research* (2018), https://doi.org/10.1016/j.bbr.2018.06.003

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Rats with ventral hippocampal damage are impaired at various forms of learning including conditioned inhibition, spatial navigation, and discriminative fear conditioning to similar contexts

Robert J. McDonald*, R.J. Balog, Justin Q. Lee, Emily E. Stuart,

Brianna B. Carrels, and Nancy S. Hong

The Canadian Center for Behavioural Neuroscience The University of Lethbridge 4401 University Drive Lethbridge, AB T1K 3M4

*Correspondence addressed to: Robert J. McDonald The Canadian Center for Behavioural Neuroscience 4401 University Drive Lethbridge, AB T1K 3M4 Email: r.mcdonald@uleth.ca Phone: 1 (403) 394 3983

Highlights

- damage to the ventral hippocampus impairs three forms of learning and memory
- context conditioned inhibition, early place learning, and context discriminations
- ventral hippocampus is involved in broad contextual representations
- ventral hippocampus is involved in inhibitory and disambiguation processes

Download English Version:

https://daneshyari.com/en/article/8837681

Download Persian Version:

https://daneshyari.com/article/8837681

Daneshyari.com