

Accepted Manuscript

Preferential stabilization of newly formed dendritic spines in motor cortex during manual skill learning predicts performance gains, but not memory endurance

Taylor A. Clark, Min Fu, Andrew K. Dunn, Yi Zuo, Theresa A. Jones

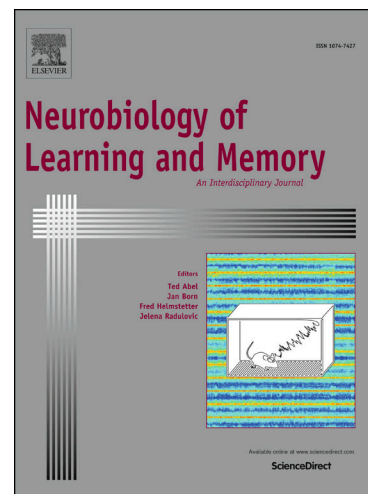
PII: S1074-7427(18)30116-3
DOI: <https://doi.org/10.1016/j.nlm.2018.05.005>
Reference: YNLME 6868

To appear in: *Neurobiology of Learning and Memory*

Received Date: 18 March 2018
Revised Date: 26 April 2018
Accepted Date: 16 May 2018

Please cite this article as: Clark, T.A., Fu, M., Dunn, A.K., Zuo, Y., Jones, T.A., Preferential stabilization of newly formed dendritic spines in motor cortex during manual skill learning predicts performance gains, but not memory endurance, *Neurobiology of Learning and Memory* (2018), doi: <https://doi.org/10.1016/j.nlm.2018.05.005>

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.



Preferential stabilization of newly formed dendritic spines in motor cortex during manual skill learning predicts performance gains, but not memory endurance

Taylor A. Clark¹, Min Fu², Andrew K. Dunn³, Yi Zuo⁴ & Theresa A. Jones¹

¹Institute for Neuroscience, University of Texas, Austin, Austin, Texas, 78712, USA, ²Department of Neurobiology, Duke University School of Medicine, Durham, North Carolina 27710, USA, ³Department of Biomedical Engineering, University of Texas at Austin, Austin, Texas 78712, USA, ⁴Molecular, Cell, and Developmental Biology, University of California, Santa Cruz, Santa Cruz, California, 95064, USA

Address correspondence to Taylor A. Clark, Institute for Neuroscience, University of Texas at Austin, 1 University Station, Stop C7000, Austin, TX 78712, USA, clark.taylorann@utexas.edu

Download English Version:

<https://daneshyari.com/en/article/7298775>

Download Persian Version:

<https://daneshyari.com/article/7298775>

[Daneshyari.com](https://daneshyari.com)