Accepted Manuscript

Repetitive Brain Injury of Juvenile Mice Impairs Environmental Enrichment-Induced Modulation of REM Sleep in Adulthood

Jeremy C. Borniger, Kyra Ungerleider, Ning Zhang, Kate Karelina, Ulysses J. Magalang, Zachary M. Weil

PII:	\$0306-4522(18)30105-2
DOI:	https://doi.org/10.1016/j.neuroscience.2018.01.064
Reference:	NSC 18287
To appear in:	Neuroscience
Received Date:	25 September 2017
Accepted Date:	31 January 2018



Please cite this article as: J.C. Borniger, K. Ungerleider, N. Zhang, K. Karelina, U.J. Magalang, Z.M. Weil, Repetitive Brain Injury of Juvenile Mice Impairs Environmental Enrichment-Induced Modulation of REM Sleep in Adulthood, *Neuroscience* (2018), doi: https://doi.org/10.1016/j.neuroscience.2018.01.064

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

Repetitive Brain Injury of Juvenile Mice Impairs Environmental Enrichment-Induced Modulation of REM Sleep in Adulthood

Jeremy C Borniger^{1a,b}, Kyra Ungerleider^{1a}, Ning Zhang^a, Kate Karelina^a, Ulysses J. Magalang^c and Zachary M Weil^a*

^aDepartment of Neuroscience, Behavioral Neuroendocrinology Group, Neuroscience Research Institute, Center for Brain and Spinal Cord Repair, and ^cDivision of Pulmonary, Allergy, Critical Care, and Sleep Medicine, The Ohio State University Wexner Medical Center, Columbus OH, USA, 43210.

^b(present address) Department of Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA, USA, 94305.

¹Co-first authors

*To whom correspondence should be addressed: zachary.weil@osumc.edu

460 W. 12th Ave 618 Biomedical Research Tower, Columbus, Ohio 43201 USA

1-614-292-3489

Running Title: Juvenile mild TBI and Sleep

Download English Version:

https://daneshyari.com/en/article/8840896

Download Persian Version:

https://daneshyari.com/article/8840896

Daneshyari.com