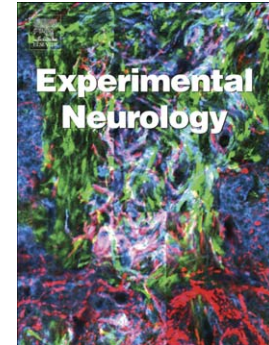


Accepted Manuscript

Impact of rapamycin on status epilepticus induced hippocampal pathology and weight gain

Michael S. Hester, Bethany E. Hosford, Victor R. Santos, Shatrunjai P. Singh, Isaiah Rolle, Candi L. LaSarge, John P. Liska, Norberto Garcia-Cairasco, Steve C. Danzer



PII: S0014-4886(16)30058-9
DOI: doi: [10.1016/j.expneurol.2016.03.015](https://doi.org/10.1016/j.expneurol.2016.03.015)
Reference: YEXNR 12243

To appear in: *Experimental Neurology*

Received date: 6 October 2015
Revised date: 11 March 2016
Accepted date: 14 March 2016

Please cite this article as: Hester, Michael S., Hosford, Bethany E., Santos, Victor R., Singh, Shatrunjai P., Rolle, Isaiah, LaSarge, Candi L., Liska, John P., Garcia-Cairasco, Norberto, Danzer, Steve C., Impact of rapamycin on status epilepticus induced hippocampal pathology and weight gain, *Experimental Neurology* (2016), doi: [10.1016/j.expneurol.2016.03.015](https://doi.org/10.1016/j.expneurol.2016.03.015)

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.

Impact of rapamycin on status epilepticus induced hippocampal pathology and weight gain.

Michael S. Hester^{1,3*}, Bethany E. Hosford^{1,4*}, Victor R. Santos^{1,5}, Shatrunjai P. Singh^{1,3}, Isaiah Rolle^{1,4}, Candi L. LaSarge¹, John P. Liska¹, Norberto Garcia-Cairasco⁵ and Steve C. Danzer^{1,2,3,4}

¹Department of Anesthesia, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, 45229

²Departments of Anesthesia and Pediatrics, University of Cincinnati, Cincinnati, OH, 45267

³Molecular and Developmental Biology Graduate Program, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, 45229

⁴Neuroscience Graduate Program, University of Cincinnati, Cincinnati, OH, 45267

⁵Department of Physiology, Ribeirão Preto Medical School, Ribeirão Preto-SP, Brazil

*These authors contributed equally to this work

Corresponding author:

(Laboratory of Origin)

Dr. Steve C. Danzer

3333 Burnet Avenue, ML 2001

Cincinnati, Ohio 45229-3039

(513) 636-4526 (phone)

(513) 636-7337 (fax)

Email: steve.danzer@cchmc.org

Number of Pages: 38

Number of Figures: 9

Number of Tables: 0

Words in abstract: 245

Words in introduction: 480

Words in discussion: 1771

Conflict of Interests: The authors declare no competing financial interests

Acknowledgements: This work was supported by the National Institute of Neurological Disorders and Stroke (SCD, Award Numbers R01NS065020 and R01NS062806). The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institute of Neurological Disorders and Stroke or the National Institutes of Health. We thank Keri Kaeding for assistance with earlier versions of this manuscript. We thank the CCHMC Confocal Core for providing access the 3024 Nikon A1Rsi inverted microscope used in this study.

Download English Version:

<https://daneshyari.com/en/article/6016969>

Download Persian Version:

<https://daneshyari.com/article/6016969>

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