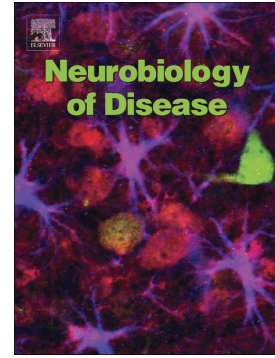


Accepted Manuscript

Status epilepticus triggers long-lasting activation of complement C1q-C3 signaling in the hippocampus that correlates with seizure frequency in experimental epilepsy

Nicole D. Scharz, Season K. Wyatt-Johnson, Lauren R. Price, Samantha A. Colin, Amy L. Brewster



PII: S0969-9961(17)30239-5
DOI: doi:[10.1016/j.nbd.2017.10.012](https://doi.org/10.1016/j.nbd.2017.10.012)
Reference: YNBDI 4051
To appear in: *Neurobiology of Disease*
Received date: 20 June 2017
Revised date: 30 September 2017
Accepted date: 19 October 2017

Please cite this article as: Nicole D. Scharz, Season K. Wyatt-Johnson, Lauren R. Price, Samantha A. Colin, Amy L. Brewster, Status epilepticus triggers long-lasting activation of complement C1q-C3 signaling in the hippocampus that correlates with seizure frequency in experimental epilepsy. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Ynbdi*(2017), doi:[10.1016/j.nbd.2017.10.012](https://doi.org/10.1016/j.nbd.2017.10.012)

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.

Manuscript Title: Status epilepticus triggers long-lasting activation of complement C1q-C3 signaling in the hippocampus that correlates with seizure frequency in experimental epilepsy

Abbreviated Title: Complement C1q-C3 hyperactivation in epilepsy

Authors: Nicole D. Schartz¹, Season K. Wyatt-Johnson¹, Lauren R. Price¹, Samantha A. Colin¹, Amy L. Brewster^{*1, 2, 3}

¹Department of Psychological Sciences, ²Weldon School of Biomedical Engineering,

³Purdue Institute of Integrative Neuroscience, West Lafayette, IN 47907.

Author Contributions: NDS designed research, performed research, analyzed data, wrote the paper; SKW performed research and wrote the paper; LRP and SAC performed research; ALB designed research, analyzed data, wrote the paper.

Corresponding Author:

Amy L. Brewster, Ph.D.,

Department of Psychological Sciences,

College of Health and Human Sciences

Purdue University, 703 Third Street, West Lafayette, IN, 47907

Tel: (765) 494-5075; # Fax: (765) 496-2670; Email: abrewst@purdue.edu

Acknowledgements: The authors would like to thank Dr. Darryl Schneider for consulting and discussing methods for analysis and interpretation of cognitive behavioral data and the development of cognitive indexes and correlations. This research was supported by the American Epilepsy Society Grant#: 411837 (ALB).

Conflict of Interest: The authors declare no competing financial interests.

Download English Version:

<https://daneshyari.com/en/article/8686471>

Download Persian Version:

<https://daneshyari.com/article/8686471>

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