

Accepted Manuscript

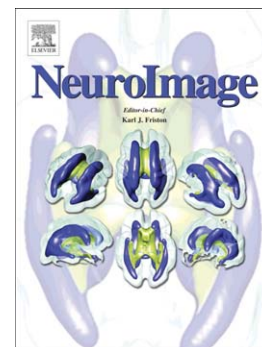
Disruption of Corticocortical information transfer during ketamine anesthesia in the primate brain

Karen E. Schroeder, Zachary T. Irwin, Matt Gaidica, J. Nicole Bentley, Parag G. Patil, George A. Mashour, Cynthia A. Chestek

PII: S1053-8119(16)30079-9  
DOI: doi: [10.1016/j.neuroimage.2016.04.039](https://doi.org/10.1016/j.neuroimage.2016.04.039)  
Reference: YNIMG 13125

To appear in: *NeuroImage*

Received date: 29 November 2015  
Revised date: 9 April 2016  
Accepted date: 15 April 2016



Please cite this article as: Schroeder, Karen E., Irwin, Zachary T., Gaidica, Matt, Bentley, J. Nicole, Patil, Parag G., Mashour, George A., Chestek, Cynthia A., Disruption of Corticocortical information transfer during ketamine anesthesia in the primate brain, *NeuroImage* (2016), doi: [10.1016/j.neuroimage.2016.04.039](https://doi.org/10.1016/j.neuroimage.2016.04.039)

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.

Disruption of Corticocortical Information Transfer during Ketamine Anesthesia in the Primate Brain

Karen E. Schroeder<sup>a</sup>, Zachary T. Irwin<sup>a</sup>, Matt Gaidica<sup>b</sup>, J. Nicole Bentley<sup>c</sup>, Parag G. Patil<sup>a,c,d</sup>, George A. Mashour<sup>b,e,f\*</sup> & Cynthia A. Chestek<sup>a,b,e,g,h\*</sup>

<sup>a</sup>Department of Biomedical Engineering, University of Michigan, Ann Arbor, Michigan, 48109

<sup>b</sup>Neuroscience Graduate Program, University of Michigan Medical School, Ann Arbor,

Michigan, 48109 <sup>c</sup>Department of Neurosurgery, University of Michigan Medical School, Ann

Arbor, Michigan, 48109 <sup>d</sup>Department of Neurology, University of Michigan Medical School,

Ann Arbor, Michigan, 48109 <sup>e</sup>Center for Consciousness Science, University of Michigan

Medical School, Ann Arbor, Michigan, 48109 <sup>f</sup>Department of Anesthesiology, University of

Michigan Medical School, Ann Arbor, Michigan, 48109 <sup>g</sup> Department of Electrical Engineering

and Computer Science, University of Michigan, Ann Arbor, Michigan, 48109 <sup>h</sup>Department of

Robotics, University of Michigan, Ann Arbor, Michigan, 48109

\*These authors contributed equally to this work.

**Corresponding Author:** Cynthia A Chestek; 2800 Plymouth Rd. Building 10 Room A171; Ann Arbor MI, 48105; cchestek@umich.edu

Download English Version:

<https://daneshyari.com/en/article/6023342>

Download Persian Version:

<https://daneshyari.com/article/6023342>

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