Accepted Manuscript

High-density EEG characterization of brain responses to auditory rhythmic stimuli during wakefulness and NREM sleep

Caroline Lustenberger, Yogi A. Patel, Sankaraleengam Alagapan, Jessica M. Page, Betsy Price, Michael R. Boyle, Flavio Frohlich

PII: \$1053-8119(17)31020-0

DOI: 10.1016/j.neuroimage.2017.12.007

Reference: YNIMG 14522

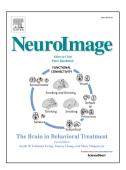
To appear in: NeuroImage

Received Date: 27 August 2017

Accepted Date: 2 December 2017

Please cite this article as: Lustenberger, C., Patel, Y.A., Alagapan, S., Page, J.M., Price, B., Boyle, M.R., Frohlich, F., High-density EEG characterization of brain responses to auditory rhythmic stimuli during wakefulness and NREM sleep, *NeuroImage* (2018), doi: 10.1016/j.neuroimage.2017.12.007.

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

High-density EEG characterization of brain responses to auditory rhythmic stimuli during wakefulness and NREM sleep

Caroline Lustenberger^{1,9}, Yogi A. Patel^{2,3}, Sankaraleengam Alagapan¹, Jessica M. Page¹, Betsy Price¹, Michael R. Boyle⁴ and Flavio Frohlich ^{1,4,5,6,7,8}

Affiliations:

¹Department of Psychiatry, University of North Carolina at Chapel Hill, Chapel Hill NC 27599, USA.

²Bioengineering Graduate Program, Georgia Institute of Technology, Atlanta, Georgia, 30332, USA

³Wallace H. Coulter Department of Biomedical Engineering, Georgia Institute of Technology and Emory University, Atlanta, Georgia, 30332, USA

⁴Department of Biomedical Engineering, University of North Carolina at Chapel Hill, Chapel Hill, NC 27514, USA.

⁵Department of Neurology, University of North Carolina at Chapel Hill, Chapel Hill, NC 27514, USA.

⁶Department of Cell Biology and Physiology, University of North Carolina at Chapel Hill, Chapel Hill NC 27599, USA.

⁷Neuroscience Center, University of North Carolina at Chapel Hill, Chapel Hill NC 27599, USA

⁸Carolina Center for Neurostimulation, University of North Carolina at Chapel Hill, Chapel Hill NC 27599, USA

⁹Mobile Health Systems Lab, ETH Zurich, Zurich 8092, Switzerland

Correspondence should be addressed to: Flavio Frohlich, 115 Mason Farm Rd. NRB 4109F, Chapel Hill, NC. 27599. Email: flavio_frohlich@med.unc.edu

Download English Version:

https://daneshyari.com/en/article/8687163

Download Persian Version:

https://daneshyari.com/article/8687163

<u>Daneshyari.com</u>