Accepted Manuscript

Review

Microembolism of single cortical arterioles can induce spreading depression and ischemic injury; a potential trigger for migraine and related mri lesions

Buket Dönmez-Demir, Muge Yemisci, Kıvılcım Kılı ç, Yasemin Gürsoy-Özdemir, Figen Söylemezoğlu, Michael Moskowitz, Turgay Dalkara

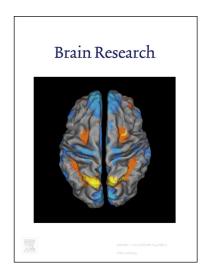
PII: S0006-8993(17)30518-8

DOI: https://doi.org/10.1016/j.brainres.2017.11.023

Reference: BRES 45571

To appear in: Brain Research

Received Date: 8 October 2017
Revised Date: 20 November 2017
Accepted Date: 21 November 2017



Please cite this article as: B. Dönmez-Demir, M. Yemisci, K. Kılı ç, Y. Gürsoy-Özdemir, F. Söylemezoğlu, M. Moskowitz, T. Dalkara, Microembolism of single cortical arterioles can induce spreading depression and ischemic injury; a potential trigger for migraine and related mri lesions, *Brain Research* (2017), doi: https://doi.org/10.1016/j.brainres.2017.11.023

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

MICROEMBOLISM OF SINGLE CORTICAL ARTERIOLES CAN INDUCE SPREADING DEPRESSION AND ISCHEMIC INJURY; A POTENTIAL TRIGGER FOR MIGRAINE AND RELATED MRI LESIONS

Buket Dönmez-Demir¹, Muge Yemisci^{1,2}, Kıvılcım Kılıç¹, Yasemin Gürsoy-Özdemir^{1,2,3}, Figen Söylemezoğlu⁴, Michael Moskowitz⁵, Turgay Dalkara^{1,2,5}

¹Institute of Neurological Sciences and Psychiatry and ²Department of Neurology, Faculty of Medicine, Hacettepe University, Ankara, Turkey.

³Current Affiliation, Department of Neurology, School of Medicine, Koç University, Istanbul, Turkey

⁴Department of Pathology, Faculty of Medicine, Hacettepe University, Ankara, Turkey.

⁵ Neuroscience Center, Massachusetts General Hospital, Harvard University, Boston, USA.

Corresponding Author: Prof. Turgay Dalkara

CC

tdalkara@hacettepe.edu.tr

Hacettepe University, Institute of Neurological Sciences and Psychiatry, 06100, Sihhiye, ANKARA, TURKEY

Phone: +90 5324503908 Fax: +90 3123113973

Key Words: Cortical spreading depression, Migraine, White matter lesions, Penetrating artery, Microembolism

Download English Version:

https://daneshyari.com/en/article/8839939

Download Persian Version:

https://daneshyari.com/article/8839939

<u>Daneshyari.com</u>