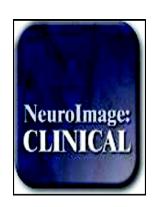
### Accepted Manuscript

Associations between hippocampal morphometry and neuropathologic markers of Alzheimer's disease using 7T MRI

Anna E. Blanken, Sona Hurtz, Chris Zarow, Kristina Biado, Hedieh Honarpisheh, Johanne Somme, Jenny Brook, Spencer Tung, Emily Kraft, Darrick Lo, Denise W. Ng, Harry V. Vinters, Liana G. Apostolova



PII: S2213-1582(17)30097-9

DOI: doi: 10.1016/j.nicl.2017.04.020

Reference: YNICL 1005

To appear in: NeuroImage: Clinical

Received date: 1 May 2016 Revised date: 17 April 2017 Accepted date: 19 April 2017

Please cite this article as: Anna E. Blanken, Sona Hurtz, Chris Zarow, Kristina Biado, Hedieh Honarpisheh, Johanne Somme, Jenny Brook, Spencer Tung, Emily Kraft, Darrick Lo, Denise W. Ng, Harry V. Vinters, Liana G. Apostolova, Associations between hippocampal morphometry and neuropathologic markers of Alzheimer's disease using 7T MRI. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ynicl(2017), doi: 10.1016/j.nicl.2017.04.020

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**

# Associations between hippocampal morphometry and neuropathologic markers of Alzheimer's disease using 7T MRI

Anna E. Blanken<sup>a</sup>, Sona Hurtz<sup>b</sup>, Chris Zarow<sup>c</sup>, Kristina Biado<sup>d</sup>, Hedieh Honarpisheh<sup>e</sup>, Johanne Somme<sup>f</sup>, Jenny Brook<sup>g</sup>, Spencer Tung<sup>d</sup>, Emily Kraft<sup>h</sup>, Darrick Lo<sup>d</sup>, Denise W. Ng<sup>d</sup>, Harry V. Vinters<sup>d,i</sup>, Liana G. Apostolova<sup>i,c</sup>

<sup>a</sup>Department of Psychology, University of Southern California, Los Angeles, CA, USA.

<sup>b</sup>Drexel University College of Medicine, Philadelphia, PA, USA.

<sup>c</sup>Department of Neurology, Keck School of Medicine at the University of Southern California, Los Angeles, CA, USA.

<sup>d</sup>Department of Pathology & Laboratory Medicine, UCLA, Los Angeles, CA, USA.

<sup>e</sup>Department of Pathology, University of Texas MD Anderson Cancer Center, Houston, TX, USA.

<sup>f</sup> Department of Neurology, Barakaldo, Basque Country, Spain

<sup>g</sup>Department of Medicine Statistics Core, UCLA, Los Angeles, CA, USA.

<sup>h</sup>University of Rochester, Rochester, N.Y, USA.

<sup>i</sup>Department of Neurology, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA.

<sup>j</sup>Department of Neurology, Indiana University School of Medicine, Indianapolis, IN, USA.

Revised and resubmitted: 9/15/16

Send correspondence to:

Liana G. Apostolova, MD 355 W. 16th Street, Suite 4100

Indianapolis, IN 46202 Phone: 317-963-5500

Fax: 317-963-7547 Email: lapostol@iu.edu

Word Count: Abstract 175, Body 2,749

Title: 108 characters with spaces

References: 63 Figures: 3 Tables: 1

#### Acknowledgements:

The analyses used in this manuscript were generously funded by NIA P50 AG16570, NIA R01 AG040770, NIA K02 AG048240 and the Easton Consortium for Alzheimer Drug Discovery and Biomarker Development.

#### Download English Version:

## https://daneshyari.com/en/article/8688372

Download Persian Version:

https://daneshyari.com/article/8688372

Daneshyari.com