

# Accepted Manuscript

Cell adhesion molecule pathway genes are regulated by *cis*-regulatory SNPs and show significantly altered expression in Alzheimer's disease brains

Xinjie Bao, Gengfeng Liu, Yongshuai Jiang, Qinghua Jiang, Mingzhi Liao, Rennan Feng, Liangcai Zhang, Guoda Ma, Shuyan Zhang, Zugen Chen, Bin Zhao, Renzhi Wang, Keshen Li, Guiyou Liu

PII: S0197-4580(15)00317-6

DOI: [10.1016/j.neurobiolaging.2015.06.006](https://doi.org/10.1016/j.neurobiolaging.2015.06.006)

Reference: NBA 9293

To appear in: *Neurobiology of Aging*

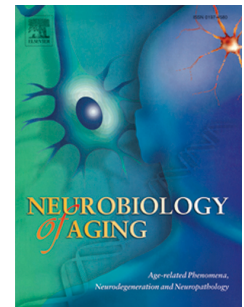
Received Date: 2 May 2014

Revised Date: 27 April 2015

Accepted Date: 4 June 2015

Please cite this article as: Bao, X., Liu, G., Jiang, Y., Jiang, Q., Liao, M., Feng, R., Zhang, L., Ma, G., Zhang, S., Chen, Z., Zhao, B., Wang, R., Li, K., Liu, G., Cell adhesion molecule pathway genes are regulated by *cis*-regulatory SNPs and show significantly altered expression in Alzheimer's disease brains, *Neurobiology of Aging* (2015), doi: 10.1016/j.neurobiolaging.2015.06.006.

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.



Cell adhesion molecule pathway genes are regulated by *cis*-regulatory SNPs and show significantly altered expression in Alzheimer's disease brains

Xinjie Bao<sup>a, #</sup>, Gengfeng Liu<sup>b, #</sup>, Yongshuai Jiang<sup>c</sup>, Qinghua Jiang<sup>d</sup>, Mingzhi Liao<sup>c</sup>, Rennan Feng<sup>e</sup>, Liangcai Zhang<sup>f</sup>, Guoda Ma<sup>g</sup>, Shuyan Zhang<sup>h</sup>, Zugen Chen<sup>i</sup>, Bin Zhao<sup>g</sup>, Renzhi Wang<sup>a, \*</sup>, Keshen Li<sup>g, \*</sup>, Guiyou Liu<sup>j, \*</sup>

<sup>a</sup>Department of Neurosurgery, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

<sup>b</sup>The Cadre Ward, The First Hospital of Harbin, Harbin, China

<sup>c</sup>College of Bioinformatics Science and Technology, Harbin Medical University, Harbin, China

<sup>d</sup>School of Life Science and Technology, Harbin Institute of Technology, Harbin, China.

<sup>e</sup>Department of Nutrition and Food Hygiene, School of Public Health, Harbin Medical University, Harbin, China

<sup>f</sup>Department of Statistics, Rice University, Houston, TX, USA

<sup>g</sup>Institute of Neurology, Guangdong Medical College, Zhanjiang, China

<sup>h</sup>Department of Neurology, The Fourth Affiliated Hospital, Harbin Medical University, Harbin, China

<sup>i</sup>Department of Human Genetics, University of California at Los Angeles, Los Angeles, CA, USA

<sup>j</sup>Genome Analysis Laboratory, Tianjin Institute of Industrial Biotechnology, Chinese Academy of Sciences, China

<sup>#</sup> These authors contributed equally to this work.

\*Corresponding author: Renzhi Wang

Department of Neurosurgery, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing 100730, China

E-mail: RenzhiWang010@163.com

\*Corresponding author: Keshen Li

Institute of Neurology, Guangdong Medical College, Zhanjiang 524001, China

Tel: +86-0759-2386772; Fax: +86-0759-2386772;

E-mail: keshenli2012@163.com

\*Corresponding author: Guiyou Liu

Download English Version:

<https://daneshyari.com/en/article/6803951>

Download Persian Version:

<https://daneshyari.com/article/6803951>

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