Accepted Manuscript

Folic acid deficiency enhances abeta accumulation in APP/PS1 mice brain and decreases amyloid-associated miRNAs expression

Huan Liu, Tian tian, Shanchun Qin, Wen Li, Xumei Zhang, Xuan Wang, Yuxia Gao, Guowei Huang

PII: S0955-2863(15)00187-4

DOI: doi: 10.1016/j.jnutbio.2015.07.020

Reference: JNB 7407

To appear in: The Journal of Nutritional Biochemistry

Received date: 10 January 2015 Revised date: 19 July 2015 Accepted date: 20 July 2015



Please cite this article as: Liu Huan, tian Tian, Qin Shanchun, Li Wen, Zhang Xumei, Wang Xuan, Gao Yuxia, Huang Guowei, Folic acid deficiency enhances abeta accumulation in APP/PS1 mice brain and decreases amyloid-associated miRNAs expression, *The Journal of Nutritional Biochemistry* (2015), doi: 10.1016/j.jnutbio.2015.07.020

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.

Folic acid deficiency enhances abeta accumulation in APP/PS1 mice brain and

decreases amyloid-associated miRNAs expression

Huan Liu¹, Tian tian¹, Shanchun Qin¹, Wen Li¹, Xumei Zhang¹, Xuan Wang¹, Yuxia

Gao², Guowei Huang^{1*}

1. Department of Nutrition and Food Hygiene, School of Public Health, Tianjin

Medical University, Tianjin 300070, China

2. Department of Cardiology, General Hospital of Tianjin Medical University, Tianjin

300152, China

*To whom correspondence should be addressed. Mailing address: Department of

Nutrition and Food Hygiene, School of Public Health, Tianjin Medical University, 22

Qixiangtai Road, Heping District, Tianjin 300070, China. Tel: 86-22-83336606. Fax:

86-22-83336603. E-mail: huangguowei@tmu.edu.cn.

This research was supported by grants from the National Natural Science Foundation

of China (number 81202200).

Running head: folic acid deficiency decreases amyloid-associated miRNAs

Keywords: Alzheimer's disease; folic acid; amyloid β-peptide; microRNA

Download English Version:

https://daneshyari.com/en/article/8336760

Download Persian Version:

https://daneshyari.com/article/8336760

Daneshyari.com