Accepted Manuscript

Title: miR-124 downregulates BACE 1 and alters autophagy in APP/PS1 transgenic mice

Authors: Xiaoxue Du, Xue Huo, Yang Yang, Zhiying Hu, Benson O.A. Botchway, Yuting Jiang, Marong Fang

PII: S0378-4274(17)31271-7

DOI: http://dx.doi.org/10.1016/j.toxlet.2017.08.082

Reference: TOXLET 9943

To appear in: Toxicology Letters

Received date: 20-6-2017 Revised date: 22-8-2017 Accepted date: 24-8-2017

Please cite this article as: Du, Xiaoxue, Huo, Xue, Yang, Yang, Hu, Zhiying, Botchway, Benson O.A., Jiang, Yuting, Fang, Marong, miR-124 downregulates BACE 1 and alters autophagy in APP/PS1 transgenic mice. Toxicology Letters http://dx.doi.org/10.1016/j.toxlet.2017.08.082

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

miR-124 downregulates BACE 1 and alters autophagy in APP/PS1 transgenic mice

Xiaoxue Du¹, Xue Huo¹, Yang Yang¹, Zhiying Hu², Benson O.A. Botchway¹, Yuting Jiang¹ and Marong Fang^{1,*}

¹Institute of Neuroscience, Zhejiang University School of Medicine, Hangzhou, China ²Department of Obstetrics and Gynecology, Hangzhou Red Cross Hospital, Hangzhou, China

*Communication to be sent to Prof. **Marong Fang**

Abbreviations

BACE-1, beta-site APP-cleaving enzyme 1; miRNAs, microRNAs; miR-124, microRNA-124; Aβ, amyloid-beta; AD, Alzheimer's disease; APP, amyloid precursor protein; DG; dentate gyrus; MTIs, miRNA-target interactions; LC3II, Light Chain 3 II; PVDF, Polyvinylidene Fluoride.

Tel: (+86)571-88208160, Fax: (+86)571-88208094, E-mail: fangmaro@zju.edu.cn

^{*}To whom correspondence should be addressed: Prof. Marong Fang Institute of Neuroscience, Zhejiang University School of Medicine, 866 Yuhangtang Road, Hangzhou, 310058, China.

Download English Version:

https://daneshyari.com/en/article/5562037

Download Persian Version:

https://daneshyari.com/article/5562037

Daneshyari.com