Accepted Manuscript

Title: A positive feedback loop between nitric oxide and amyloid β (1-42) accelerates mitochondrial damage in human lens epithelial cells

Authors: Noriaki Nagai, Yoshimasa Ito, Teppei Shibata, Eri

Kubo, Hiroshi Sasaki

PII: S0300-483X(17)30060-4

DOI: http://dx.doi.org/doi:10.1016/j.tox.2017.02.014

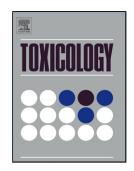
Reference: TOX 51836

To appear in: *Toxicology*

Received date: 31-1-2017 Revised date: 22-2-2017 Accepted date: 22-2-2017

Please cite this article as: Nagai, Noriaki, Ito, Yoshimasa, Shibata, Teppei, Kubo, Eri, Sasaki, Hiroshi, A positive feedback loop between nitric oxide and amyloid β (1-42) accelerates mitochondrial damage in human lens epithelial cells. Toxicology http://dx.doi.org/10.1016/j.tox.2017.02.014

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

Toxicology

Regular Article

A positive feedback loop between nitric oxide and amyloid β (1-42) accelerates mitochondrial damage in human lens epithelial cells

Running title: NO enhances $A\beta_{1-42}$ production in lens epithelial cells

Noriaki Nagai a*, Yoshimasa Ito a, Teppei Shibata b, Eri Kubo b, Hiroshi Sasaki b

^a Faculty of Pharmacy, Kindai University, 3-4-1 Kowakae, Higashi-Osaka, Osaka, 577-8502, Japan

^b Department of Ophthalmology, Kanazawa Medical University, 1-1 Daigaku Uchinada-machi, Kahoku-gun, Ishikawa, 920-0293, Japan

Correspondence: Noriaki Nagai, PhD

Faculty of Pharmacy, Kindai University

3-4-1 Kowakae, Higashi-Osaka, Osaka 577-8502 (Japan)

Tel. +81 6 4307 3640, Fax +81 6 6730 1394, E-Mail nagai_n@phar.kindai.ac.jp

Download English Version:

https://daneshyari.com/en/article/5561955

Download Persian Version:

https://daneshyari.com/article/5561955

<u>Daneshyari.com</u>