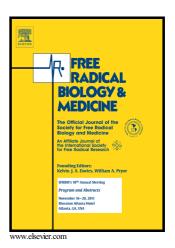
## Author's Accepted Manuscript

Up-regulation of NOX1/NADPH oxidase following drug-induced myocardial injury promotes cardiac dysfunction and fibrosis

Kazumi Iwata, Kuniharu Matsuno, Ayumi Murata, Kai Zhu, Hitomi Fukui, Keiko Ikuta, Masato Katsuyama, Masakazu Ibi, Misaki Matsumoto, Makoto Ohigashi, Xiaopeng Wen, Jia Zhang, Wenhao Cui, Chihiro Yabe-Nishimura



PII: S0891-5849(18)30164-3

DOI: https://doi.org/10.1016/j.freeradbiomed.2018.03.053

Reference: FRB13700

To appear in: Free Radical Biology and Medicine

Received date: 13 December 2017 Revised date: 19 March 2018 Accepted date: 29 March 2018

Cite this article as: Kazumi Iwata, Kuniharu Matsuno, Ayumi Murata, Kai Zhu, Hitomi Fukui, Keiko Ikuta, Masato Katsuyama, Masakazu Ibi, Misaki Matsumoto, Makoto Ohigashi, Xiaopeng Wen, Jia Zhang, Wenhao Cui and Chihiro Yabe-Nishimura, Up-regulation of NOX1/NADPH oxidase following drug-induced myocardial injury promotes cardiac dysfunction and fibrosis, *Free Radical Biology and Medicine*, https://doi.org/10.1016/j.freeradbiomed.2018.03.053

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 galley proof before it is published in its final citable 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**

Up-regulation of NOX1/NADPH oxidase following drug-induced myocardial injury promotes cardiac dysfunction and fibrosis

Kazumi Iwata <sup>a\*</sup>, Kuniharu Matsuno <sup>a\*</sup>, Ayumi Murata <sup>a</sup>, Kai Zhu <sup>a,b</sup>, Hitomi Fukui <sup>a</sup>, Keiko Ikuta <sup>a</sup>, Masato Katsuyama <sup>c</sup>, Masakazu Ibi <sup>a</sup>, Misaki Matsumoto <sup>a</sup>, Makoto Ohigashi <sup>a</sup>, Xiaopeng Wen <sup>a</sup>, Jia Zhang <sup>a</sup>, Wenhao Cui <sup>a</sup>, Chihiro Yabe-Nishimura <sup>a</sup>.

<sup>a</sup> Department of Pharmacology, Kyoto Prefectural University of Medicine, 465 Kajii-cho Kawaramachi-Hirokoji Kamigyo-ku Kyoto 602-8566, Japan

<sup>b</sup> Department of Nephrology, Renmin Hospital of Wuhan University, 238 Jiefang Rd., Wuchang District, Wuhan 430060, China.

<sup>c</sup> Radioisotope Center, Kyoto Prefectural University of Medicine, Kyoto, Japan, 465 Kajii-cho Kawaramachi-Hirokoji Kamigyo-ku Kyoto 602-8566, Japan

\*These authors contributed equally to this work.

## Download English Version:

## https://daneshyari.com/en/article/8265643

Download Persian Version:

https://daneshyari.com/article/8265643

<u>Daneshyari.com</u>