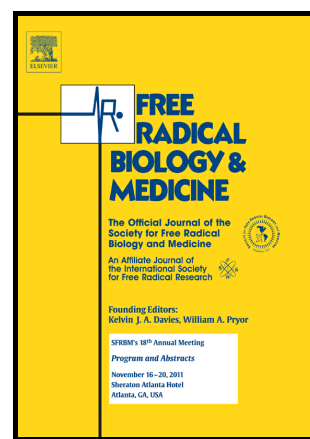


Author's Accepted Manuscript

Inhibition of hepatocyte nuclear factor 1b induces hepatic steatosis through DPP4/NOX1-mediated regulation of superoxide

Zi Long, Meng Cao, Shuhao Su, Guangyuan Wu, Fansen Meng, Hao Wu, Jiangzheng Liu, Weihua Yu, Kamran Atabai, Xin Wang



www.elsevier.com

PII: S0891-5849(17)30759-1
DOI: <http://dx.doi.org/10.1016/j.freeradbiomed.2017.09.016>
Reference: FRB13454

To appear in: *Free Radical Biology and Medicine*

Received date: 6 June 2017
Revised date: 6 September 2017
Accepted date: 18 September 2017

Cite this article as: Zi Long, Meng Cao, Shuhao Su, Guangyuan Wu, Fansen Meng, Hao Wu, Jiangzheng Liu, Weihua Yu, Kamran Atabai and Xin Wang, Inhibition of hepatocyte nuclear factor 1b induces hepatic steatosis through DPP4/NOX1-mediated regulation of superoxide, *Free Radical Biology and Medicine*, <http://dx.doi.org/10.1016/j.freeradbiomed.2017.09.016>

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.

**Inhibition of hepatocyte nuclear factor 1b induces hepatic steatosis through
DPP4/NOX1-mediated regulation of superoxide**

**Zi Long^{1#}, Meng Cao^{1#}, Shuhao Su¹, Guangyuan Wu¹, Fansen Meng¹, Hao Wu¹, Jiangzheng
Liu¹, Weihua Yu¹, Kamran Atabai², Xin Wang^{1*}**

¹Department of Toxicology, Shaanxi Key Lab of Free Radical Biology and Medicine, the Ministry
of Education Key Lab of Hazard Assessment and Control in Special Operational Environment,
School of Public Health, Fourth Military Medical University, Xi'an, 710032, China.

²Cardiovascular Research Institute, University of California, San Francisco, San Francisco, United
States; Department of Medicine, University of California, San Francisco, San Francisco, United
States.

[#]Coauthors.

* Corresponding author. Xin Wang. Address: Department of Toxicology, School of Public Health,
Fourth Military Medical University, Changle West Road 169, Xi'an, 710032, China. Tel.: +86 029
84774882. E-mail address: xinwang@fmmu.edu.cn.

Running head: Silence of HNF1b induces fatty liver.

Download English Version:

<https://daneshyari.com/en/article/5501607>

Download Persian Version:

<https://daneshyari.com/article/5501607>

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