Accepted Manuscript

Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice

Shahid P. Baba, Deqing Zhang, Mahavir Singh, Sujith Dassanayaka, Zhengzhi Xie, Ganapathy Jagatheesan, Jingjing Zhao, Virginia K. Schmidtke, Kenneth R. Brittian, Michael L. Merchant, Daniel J. Conklin, Steven P. Jones, Aruni Bhatnagar



PII: S0022-2828(18)30096-8

DOI: doi:10.1016/j.yjmcc.2018.04.002

Reference: YJMCC 8713

To appear in: Journal of Molecular and Cellular Cardiology

Received date: 23 May 2017
Revised date: 29 March 2018
Accepted date: 3 April 2018

Please cite this article as: Shahid P. Baba, Deqing Zhang, Mahavir Singh, Sujith Dassanayaka, Zhengzhi Xie, Ganapathy Jagatheesan, Jingjing Zhao, Virginia K. Schmidtke, Kenneth R. Brittian, Michael L. Merchant, Daniel J. Conklin, Steven P. Jones, Aruni Bhatnagar, Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Yjmcc(2017), doi:10.1016/j.yjmcc.2018.04.002

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

Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice

*Shahid P. Baba, *Deqing Zhang, ^δMahavir Singh, *Sujith Dassanayaka, *Zhengzhi Xie, *Ganapathy Jagatheesan, *Jingjing Zhao, *Virginia K Schmidtke, *Kenneth R. Brittian, ⁺Michael L. Merchant, *Daniel J. Conklin, *Steven P. Jones, and *Aruni Bhatnagar

*Diabetes and Obesity Center, ⁸Department of Physiology, ⁺ Divisions of Nephrology and Hypertension and the Institute of Molecular Cardiology

University of Louisville, Louisville, Kentucky

Correspondence

Shahid P. Baba, Ph.D.
Division of Cardiovascular Medicine
Department of Medicine
University of Louisville
Room 421, Delia Baxter Building
580 South Preston Street
Louisville, KY 40202

Phone: 502-852-4274 Fax: 502-852-3663

Download English Version:

https://daneshyari.com/en/article/8473443

Download Persian Version:

https://daneshyari.com/article/8473443

<u>Daneshyari.com</u>