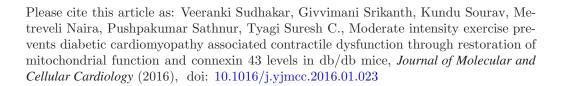
Accepted Manuscript

Moderate intensity exercise prevents diabetic cardiomyopathy associated contractile dysfunction through restoration of mitochondrial function and connexin 43 levels in db/db mice

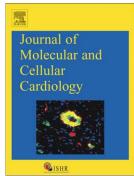
Sudhakar Veeranki, Srikanth Givvimani, Sourav Kundu, Naira Metreveli, Sathnur Pushpakumar, Suresh C. Tyagi

PII:	S0022-2828(16)30023-2
DOI:	doi: 10.1016/j.yjmcc.2016.01.023
Reference:	YJMCC 8323
To appear in:	Journal of Molecular and Cellular Cardiology

Received date:9 December 2015Revised date:19 January 2016Accepted date:26 January 2016



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

Moderate intensity exercise prevents diabetic cardiomyopathy associated contractile dysfunction through restoration of mitochondrial function and connexin 43 levels in db/db mice.

Sudhakar Veeranki ^{1,} *, [#], Srikanth Givvimani ¹ [#], Sourav Kundu ², Naira Metreveli ¹, Sathnur Pushpakumar ¹, and Suresh. C Tyagi ¹.

- 1. Department of Physiology and Biophysics, University of Louisville School of Medicine, Louisville, Kentucky, USA.
- 2. Current affiliation: Institute of Advanced Studies in Science and Technology, Guwahati, Assam, India.

* To whom correspondence should be addressed: Sudhakar Veeranki, Department of Physiology and Biophysics, University of Louisville, Louisville, KY, USA, 40202, Tel.: 502-852-4425; Fax: 502-852-6239. E-mail: s0veer02@louisville.edu

These authors contributed equally to the manuscript.

Word count: Abstract: 250 Main text: 5279 Download English Version:

https://daneshyari.com/en/article/8473934

Download Persian Version:

https://daneshyari.com/article/8473934

Daneshyari.com