

Accepted Manuscript

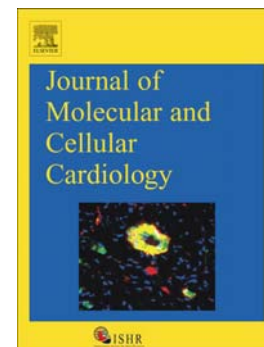
Loss of myocardial retinoic acid receptor α induces diastolic dysfunction by promoting intracellular oxidative stress and calcium mishandling in adult mice

Sen Zhu, Rakeshwar S. Guleria, Candice M. Thomas, Amanda Roth, F.N.U. Gerilechaogetu, Rajesh Kumar, David E. Dostal, Kenneth M. Baker, Jing Pan

PII: S0022-2828(16)30282-6
DOI: doi: [10.1016/j.yjmcc.2016.08.009](https://doi.org/10.1016/j.yjmcc.2016.08.009)
Reference: YJMCC 8435

To appear in: *Journal of Molecular and Cellular Cardiology*

Received date: 11 May 2016
Revised date: 10 August 2016
Accepted date: 12 August 2016



Please cite this article as: Zhu Sen, Guleria Rakeshwar S., Thomas Candice M., Roth Amanda, Gerilechaogetu FNU, Kumar Rajesh, Dostal David E., Baker Kenneth M., Pan Jing, Loss of myocardial retinoic acid receptor α induces diastolic dysfunction by promoting intracellular oxidative stress and calcium mishandling in adult mice, *Journal of Molecular and Cellular Cardiology* (2016), doi: [10.1016/j.yjmcc.2016.08.009](https://doi.org/10.1016/j.yjmcc.2016.08.009)

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.

Loss of Myocardial Retinoic Acid Receptor α Induces Diastolic Dysfunction by Promoting
Intracellular Oxidative Stress and Calcium Mishandling in Adult Mice

Sen Zhu¹, Rakeshwar S. Guleria^{1,2*}, Candice M. Thomas¹, Amanda Roth¹, FNU Gerilechaogetu¹,
Rajesh Kumar^{1,2}, David E. Dostal^{1,2}, Kenneth M. Baker¹ and Jing Pan^{1,2*}

¹Department of Medicine, ²Department of Medical Physiology, College of Medicine, Texas
A&M University Health Science Center; Central Texas Veterans Health Care System; Baylor
Scott & White Health; Temple, TX.

*Address correspondence to: Jing Pan, MD, PhD, E-mail: jpan@medicine.tamhsc.edu; Tel. 254-
743-2461; Rakeshwar Guleria, E-mail: rsguleria@medicine.tamhsc.edu; Tel. 254-743-1593. Fax.
254-743-0165. Department of Medical Physiology, College of Medicine, Texas A&M University
Health Science Center, 1901 South 1st Street, Bldg. 205, Temple, Texas

Download English Version:

<https://daneshyari.com/en/article/8473677>

Download Persian Version:

<https://daneshyari.com/article/8473677>

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