Accepted Manuscript

Protective effects of estrogen against cardiovascular disease mediated via oxidative stress in the brain

Claudia J. Lagranha, Tercya Lucidi Araujo Silva, Severina Cassia A. Silva, Glaber Ruda F. Braz, Aline Isabel da Silva, Mariana Pinheiro Fernandes, Donald F. Sellitti

PII: S0024-3205(17)30620-3

DOI: doi:10.1016/j.lfs.2017.11.043

Reference: LFS 15455

To appear in: Life Sciences

Received date: 26 July 2017

Revised date: 7 November 2017 Accepted date: 26 November 2017

Please cite this article as: Claudia J. Lagranha, Tercya Lucidi Araujo Silva, Severina Cassia A. Silva, Glaber Ruda F. Braz, Aline Isabel da Silva, Mariana Pinheiro Fernandes, Donald F. Sellitti, Protective effects of estrogen against cardiovascular disease mediated via oxidative stress in the brain. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Lfs(2017), doi:10.1016/j.lfs.2017.11.043

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.



CCEPTED MANUSCRIPT

Protective effects of estrogen against cardiovascular disease mediated via

oxidative stress in the brain

Claudia J Lagranha^{a,b}, Tercya Lucidi Araujo Silva^{a,b}, Severina Cassia A. Silva^b, Glaber Ruda F. Braz^b, Aline Isabel da Silva^{a,b}, Mariana Pinheiro Fernandes^b, Donald F Sellitti^c

^aNeuropsychiatry and Behavior Science Graduate Program, Federal University of

Pernambuco, 50670-901, Brazil.

^bLaboratory of Biochemistry and Exercise Biochemistry, Department of Physical

Education and Sports Science, Federal University of Pernambuco-CAV, Vitória de

Santo Antão 55608-680, Brazil.

^cDepartment of Anatomy, Physiology, and Genetics. School of Medicine, Uniformed

Services University of the Health Sciences, Bethesda, MD, USA.

Short title: Estradiol protection against oxidative stress

*Mailing address:

Claudia Lagranha

Universidade Federal de Pernambuco, Centro Acadêmico de Vitória - CAV/UFPE, Laboratório de Bioquímica e Bioquímica do exercício. Rua Alto do Reservatório, S/N –

Bela Vista. CEP: 55608-680. Vitória de Santo Antão - PE, Brasil.

E-mail dos autores: lagranha@hotmail.com

Keywords: Oxidative stress, Estradiol, Neuroprotection, Brainstem

The authors are thankful to the State of Pernambuco Science and Technology Support

Foundation (FACEPE APQ- 0164-4.05/15; 1026-4.09/12) for the financial support. The

authors declare that there are no conflicts of interest.

1

Download English Version:

https://daneshyari.com/en/article/8535877

Download Persian Version:

https://daneshyari.com/article/8535877

<u>Daneshyari.com</u>