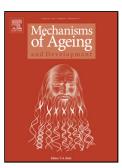
Accepted Manuscript

Title: PSYCHOLOGICAL STRESS-INDUCED CATECHOLAMINES ACCELERATES CUTANEOUS AGING IN MICE



Author: Bruna Romana-Souza Gracineide Santos Lima-Cezar Andréa Monte-Alto-Costa

PII:	S0047-6374(15)30021-X
DOI:	http://dx.doi.org/doi:10.1016/j.mad.2015.10.004
Reference:	MAD 10798
To appear in:	Mechanisms of Ageing and Development
Received date:	13-8-2015
Revised date:	28-10-2015
Accepted date:	29-10-2015

Please cite this article as: Romana-Souza, Bruna, Lima-Cezar, Gracineide Monte-Alto-Costa. Andréa. PSYCHOLOGICAL STRESS-Santos. **INDUCED** CATECHOLAMINES ACCELERATES **CUTANEOUS** AGING IN MICE.Mechanisms of Ageing and Development http://dx.doi.org/10.1016/j.mad.2015.10.004

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

Romana-Souza et al. 1

PSYCHOLOGICAL STRESS-INDUCED CATECHOLAMINES ACCELERATES

CUTANEOUS AGING IN MICE

Running title: Chronic stress and skin aging

Bruna Romana-Souza^{a*} bruna.souza@uerj.br, Gracineide Santos Lima-Cezar^a, Andréa Monte-Alto-Costa^a

^aDepartment of Histology and Embryology, State University of Rio de Janeiro, Rio de Janeiro,

Brazil.

*Corresponding author at:State University of Rio de Janeiro (UERJ), Department of Histology and

Embryology, Rua Marechal Rondon, 381, 2° andar, 20950-003. Rio de Janeiro, RJ - BRAZIL. Tel:

+55 21 2334 2421; Fax: +55 21 2334 2426

Download English Version:

https://daneshyari.com/en/article/8284812

Download Persian Version:

https://daneshyari.com/article/8284812

Daneshyari.com