Accepted Manuscript

Role of endoplasmic reticulum stress in disuse osteoporosis



Jie Li, Shuang Yang, Xinle Li, Daquan Liu, Zhaonan Wang, Jialu Guo, Nian Tan, Zhe Gao, Xiaoyu Zhao, Jiuguo Zhang, Fanglin Gou, Hiroki Yokota, Ping Zhang

PII:	\$8756-3282(16)30371-4
DOI:	doi: 10.1016/j.bone.2016.12.009
Reference:	BON 11210
To appear in:	Bone
Received date:	2 July 2016
Revised date:	28 October 2016
Accepted date:	14 December 2016

Please cite this article as: Jie Li, Shuang Yang, Xinle Li, Daquan Liu, Zhaonan Wang, Jialu Guo, Nian Tan, Zhe Gao, Xiaoyu Zhao, Jiuguo Zhang, Fanglin Gou, Hiroki Yokota, Ping Zhang, Role of endoplasmic reticulum stress in disuse osteoporosis. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bon(2016), doi: 10.1016/j.bone.2016.12.009

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.

ACCEPTED MANUSCRIPT

Role of endoplasmic reticulum stress in disuse osteoporosis

Jie Li^{a,b}, Shuang Yang^{a,b}, Xinle Li^{a,b,c}, Daquan Liu^{a,b,d}, Zhaonan Wang^a, Jialu Guo^a, Nian Tan^a, Zhe Gao^a, Xiaoyu Zhao^a, Jiuguo Zhang^a, Fanglin Gou^a, Hiroki Yokota^e, and Ping Zhang^{a,b,c,e}*

^aDepartment of Anatomy and Histology, School of Basic Medical Sciences, Tianjin Medical University, Tianjin 300070, China

^bTEDA International Cardiovascular Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Tianjin 300457, China

^cKey Laboratory of Hormones and Development (Ministry of Health), Tianjin Key Laboratory of Metabolic Diseases, Tianjin Medical University, Tianjin 300070, China

^dDepartment of Pharmacology, Institute of Acute Abdominal Diseases, Tianjin Nankai Hospital, Tianjin 300100, China

^eDepartment of Biomedical Engineering, Indiana University-Purdue University Indianapolis, IN 46202, USA

KEY WARDS: Endoplasmic reticulum stress; Eukaryotic translation initiation factor 2α; Osteoporosis; Disuse; Hindlimb unloading; Salubrinal

Running title: Endoplasmic Reticulum Stress in Osteoporosis

*Corresponding Author: Ping Zhang, MD

Department of Anatomy and Histology School of Basic Medical Sciences Tianjin Medical University 22 Qixiangtai Road Tianjin 300070, China Phone: 86-22-83336818 Fax: 86-22-83336810 E-mail: pizhang2008@163.com

Abbreviations: eIF2a, Eukaryotic translation initiation factor 2 alpha; ER,

Download English Version:

https://daneshyari.com/en/article/5585402

Download Persian Version:

https://daneshyari.com/article/5585402

Daneshyari.com