Accepted Manuscript

Bone and plasma citrate is reduced in osteoporosis



Hongdong Chen, Yeyang Wang, Huaiqian Dai, Xinggui Tian, Zhong-Kai Cui, Zhenguo Chen, Le Hu, Qiancheng Song, Anling Liu, Zhiyong Zhang, Guozhi Xiao, Jian Yang, Yu Jiang, Xiaochun Bai

PII:	S8756-3282(18)30246-1
DOI:	doi:10.1016/j.bone.2018.06.014
Reference:	BON 11680
To appear in:	Bone
Received date:	1 April 2018
Revised date:	14 June 2018
Accepted date:	17 June 2018

Please cite this article as: Hongdong Chen, Yeyang Wang, Huaiqian Dai, Xinggui Tian, Zhong-Kai Cui, Zhenguo Chen, Le Hu, Qiancheng Song, Anling Liu, Zhiyong Zhang, Guozhi Xiao, Jian Yang, Yu Jiang, Xiaochun Bai, Bone and plasma citrate is reduced in osteoporosis. Bon (2018), doi:10.1016/j.bone.2018.06.014

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

Bone and plasma citrate is reduced in osteoporosis

Hongdong Chen^a, PhD; Yeyang Wang^b, MD; Huaiqian Dai^a, MS; Xinggui Tian^c, MS; Zhong-Kai Cui^a*, PhD; Zhenguo Chen^a, PhD; Le Hu^a, BS; Qiancheng Song^a, PhD, Anling Liu^d, PhD; Zhiyong Zhang^e, PhD; Guozhi Xiao^f, PhD; Jian Yang^{a,g}, PhD; Yu Jiang^h, PhD; Xiaochun Bai^{a,*}, PhD

^aDepartment of Cell Biology, School of Basic Medical Sciences, Southern Medical University, Guangzhou,

Guangdong, China

^bDepartment of Spine Surgery, Guangdong Second Provincial General Hospital, Guangzhou, Guangdong, China

^cDepartment of Spine Surgery, The Affiliated Hospital of Southwest Medical University, Luzhou, Sichuan, China

^dDepartment of Biochemistry and Molecular Biology, School of Basic Medical Sciences, Southern Medical University, Guangzhou, Guangdong, China

^eTranslational Research Centre of Regenerative Medicine and 3D Printing Technologies of Guangzhou Medical University, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, China

^fDepartment of Biology and Shenzhen Key Laboratory of Cell Microenvironment, Southern University of Science and Technology, Shenzhen, Guangdong, China.

^gDepartment of Biomedical Engineering, Materials Research Institutes, The Huck Institutes of The Life Sciences, The Pennsylvania State University, University Park, Pennsylvania, USA

^hDepartment of Pharmacology and Chemical Biology, School of Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania, USA

*Corresponding authors:

Download English Version:

https://daneshyari.com/en/article/8624801

Download Persian Version:

https://daneshyari.com/article/8624801

Daneshyari.com