## Accepted Manuscript

The GDF11-FTO-PPAR $\gamma$  axis controls the shift of osteoporotic MSC fate to adipocyte and inhibits bone formation during osteoporosis

Guang-Si Shen, Hai-Bin Zhou, Hong Zhang, Bin Chen, Zhi-Peng Liu, Ye Yuan, Xiao-Zhong Zhou, You-Jia Xu

PII: S0925-4439(18)30350-8

DOI: doi:10.1016/j.bbadis.2018.09.015

Reference: BBADIS 65263

To appear in: BBA - Molecular Basis of Disease

Received date: 28 May 2018
Revised date: 23 August 2018
Accepted date: 13 September 2018

Please cite this article as: Guang-Si Shen, Hai-Bin Zhou, Hong Zhang, Bin Chen, Zhi-Peng Liu, Ye Yuan, Xiao-Zhong Zhou, You-Jia Xu, The GDF11-FTO-PPARγ axis controls the shift of osteoporotic MSC fate to adipocyte and inhibits bone formation during osteoporosis. Bbadis (2018), doi:10.1016/j.bbadis.2018.09.015

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

The GDF11-FTO-PPAR $\gamma$  Axis Controls the Shift of Osteoporotic MSC Fate to Adipocyte and Inhibits Bone Formation During Osteoporosis

Guang-Si Shen<sup>1,2\*</sup>, Hai-Bin Zhou<sup>1\*</sup>,Hong Zhang<sup>3</sup>, Bin Chen<sup>1,2</sup>, Zhi-Peng Liu<sup>1</sup>, Ye Yuan<sup>1</sup>, Xiao-Zhong Zhou <sup>1 #</sup>, You-Jia Xu<sup>1,2 #</sup>

<sup>1</sup> Department of Orthopaedics, The Second Affiliated Hospital of Soochow University, 1055 Sanxiang Road, 215004, Suzhou, China

<sup>2</sup> Osteoporosis Institute of Soochow University, 1055 Sanxiang Road, 215004, Suzhou, China

<sup>3</sup> Department of Obstetrics and Gynaecology, The Second Affiliated Hospital of Soochow University, 1055 Sanxiang Road, 215004, Suzhou, China

\* Drs. Guang-Si Shen and Hai-Bin Zhou contributed equally to this work.

Correspondence to:

Dr. You-Jia Xu, Email: xuyoujia@suda.edu.cn or xuyoujiasuda@sina.com ,Tel: 00-86-051267783346

Dr. Xiao-Zhong Zhou, Email: <a href="mailto:zhouxz@suda.edu.cn">zhouxz@suda.edu.cn</a>, Tel: 00-86-051267784817

## Download English Version:

## https://daneshyari.com/en/article/11026215

Download Persian Version:

https://daneshyari.com/article/11026215

<u>Daneshyari.com</u>