

Accepted Manuscript

Title: Low serum concentrations of irisin are associated with increased risk of hip fracture in Chinese older women

Author: Jun Yan Hai-Juan Liu Wei-Chun Guo Jian Yang

PII: S1297-319X(17)30074-X

DOI: <http://dx.doi.org/doi:10.1016/j.jbspin.2017.03.011>

Reference: BONSOI 4568



To appear in:

Received date: 6-1-2017

Accepted date: 15-3-2017

Please cite this article as: Yan J, Liu H-J, Guo W-C, Yang J, Low serum concentrations of irisin are associated with increased risk of hip fracture in Chinese older women, *Joint Bone Spine* (2017), <http://dx.doi.org/10.1016/j.jbspin.2017.03.011>

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.

1
2
3 **Low serum concentrations of irisin are associated with**
4
5 **increased risk of hip fracture in Chinese older women**
6
7
8
9

10
11
12
13
14 **Jun Yan ^{ab}, Hai-Juan Liu ^c, Wei-Chun Guo ^{a*}, Jian Yang ^a**
15
16

17
18
19
20
21 ^a Department of Orthopaedics, Renmin Hospital of Wuhan University, Wuhan,
22
23 430060, Hubei, China.
24

25
26 ^b Department of Orthopaedics, Liaocheng People's Hospital and Liaocheng Clinical
27
28 School of Taishan Medical University, Liaocheng, 252000, Shandong, China.
29

30
31 ^c Department of Endocrinology, Liaocheng People's Hospital and Liaocheng Clinical
32
33 School of Taishan Medical University, Liaocheng, 252000, Shandong, China.
34
35
36
37
38
39
40
41
42

43
44 * Corresponding author

45
46 **Wei-Chun Guo**

47
48 E-mail: guoweichun@aliyun.com

49
50 Fax: 86-027-88041911
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65

Download English Version:

<https://daneshyari.com/en/article/8739269>

Download Persian Version:

<https://daneshyari.com/article/8739269>

[Daneshyari.com](https://daneshyari.com)