Accepted Manuscript

Title: Effects of alendronateon lumbar intervertebral disc degeneration with bone loss in ovariectomized rats

Author: Huiping Song, Yang Luo, Wenya Wang, Shuyang Li, Kai Yang, Muwei Dai, Yong Shen, Yingze Zhang, Liu Zhang

PII: S1529-9430(17)30089-X

DOI: http://dx.doi.org/doi: 10.1016/j.spinee.2017.03.002

Reference: SPINEE 57256

To appear in: The Spine Journal

Received date: 28-8-2016 Revised date: 15-2-2017 Accepted date: 8-3-2017



Please cite this article as: Huiping Song, Yang Luo, Wenya Wang, Shuyang Li, Kai Yang, Muwei Dai, Yong Shen, Yingze Zhang, Liu Zhang, Effects of alendronateon lumbar intervertebral disc degeneration with bone loss in ovariectomized rats, *The Spine Journal* (2017), http://dx.doi.org/doi: 10.1016/j.spinee.2017.03.002.

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

1	Effects of alendronateon lumbar intervertebral disc degeneration with bone loss in ovariectomized
2	rats
3	
4	Huiping Song ^{a#} , Yang Luo ^{b#} , Wenya Wang ^c , Shuyang Li ^a , Kai Yang ^a , Muwei Dai ^b , Yong Shen ^b , Yingze
5	Zhang ^b , Liu Zhang ^{a*}
6	
7	^a Department of Orthopaedic Surgery, The Affiliated Hospital of North China University of Science and
8	Technology, Tangshan, China
9	^b Department of Orthopaedic Surgery, The Third Hospital of Hebei Medical University, Shijiazhuang,
10	China
11	^c Department of Pathology, School of Basic Medical Sciences, North China University of Science and
12	Technology, Tangshan, China
13	# Hui-Ping Song and Yang Luocontributed equally to this work.
14	
15	*Corresponding author: Liu Zhang M.D., Ph.D.
16	Department of Orthopaedic Surgery
17	The Affiliated Hospital of North China University of Science and Technology
18	73 Jianshe Road, Tangshan 063000, China
19	E-mail: <u>zhliu130@sohu.com</u> ;
20	Phone: +86-315-3725752
21	Fax: +86-315-3725861
22	
23	
24	
25	
26	
77	
27	
28	

Download English Version:

https://daneshyari.com/en/article/5713079

Download Persian Version:

https://daneshyari.com/article/5713079

<u>Daneshyari.com</u>