Accepted Manuscript

Full length article

Accepted Date:

Angiogenesis impairment by the NADPH oxidase-triggered oxidative stress at the bone-implant interface: critical mechanisms and therapeutic targets for implant failure under hyperglycemic conditions in diabetes

Xiao-Fan Hu, Lin Wang, Geng Xiang, Wei Lei, Ya-Fei Feng

3 April 2018

PII:	\$1742-7061(18)30198-3
DOI:	https://doi.org/10.1016/j.actbio.2018.04.008
Reference:	ACTBIO 5408
To appear in:	Acta Biomaterialia
Received Date:	12 January 2018
Revised Date:	25 March 2018



Please cite this article as: Hu, X-F., Wang, L., Xiang, G., Lei, W., Feng, Y-F., Angiogenesis impairment by the NADPH oxidase-triggered oxidative stress at the bone-implant interface: critical mechanisms and therapeutic targets for implant failure under hyperglycemic conditions in diabetes, *Acta Biomaterialia* (2018), doi: https://doi.org/10.1016/j.actbio.2018.04.008

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

Angiogenesis impairment by the NADPH oxidase-triggered oxidative stress at the bone-implant interface: critical mechanisms and therapeutic targets for

implant failure under hyperglycemic conditions in diabetes

Xiao-Fan Hu¹, Lin Wang¹, Geng Xiang¹, Wei Lei*, Ya-Fei Feng*

.edic: Department of Orthopedics, Xijing Hospital, The Fourth Military Medical University,

Xi'an, 710032, People's Republic of China

Corresponding authors: Department of Orthopedics, Xijing Hospital, The Fourth Military Medical University, Xi'an 710032, People's Republic of China. Tel: +86-029-84771011.

E-mail address: fengyafei2005@163.com (Y.-F. Feng), leiwei@fmmu.edu.cn (W. Lei).

¹ These authors contribute equally to this work.

(7719 words in the main text, 47 typed pages, 1 table, 11 figures, 1 graphical abstract and 1 supplementary material)

Download English Version:

https://daneshyari.com/en/article/6482893

Download Persian Version:

https://daneshyari.com/article/6482893

Daneshyari.com