## **Accepted Manuscript**

Oxidative stress contributes to fracture/cast-induced inflammation and pain in a rat model of complex regional pain syndrome

Tian-Zhi Guo, Tzuping Wei, Ting-Ting Huang, Wade S. Kingery, John David Clark

PII: \$1526-5900(18)30156-1 DOI: 10.1016/j.jpain.2018.04.006

Reference: YJPAI 3572

To appear in: Journal of Pain

Received date: 24 October 2017 Revised date: 2 April 2018 Accepted date: 18 April 2018



Please cite this article as: Tian-Zhi Guo, Tzuping Wei, Ting-Ting Huang, Wade S. Kingery, John David Clark, Oxidative stress contributes to fracture/cast-induced inflammation and pain in a rat model of complex regional pain syndrome, *Journal of Pain* (2018), doi: 10.1016/j.jpain.2018.04.006

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

## Highlights

- Tibial fracture and cast immobilization in rats induced oxidative stress.
- Oxidative stress was linked to neuropeptide production in the fracture limb.
- Antioxidant administration reduced inflammation and CRPS-like changes after fracture.



#### Download English Version:

# https://daneshyari.com/en/article/11022852

Download Persian Version:

https://daneshyari.com/article/11022852

<u>Daneshyari.com</u>