## Author's Accepted Manuscript

Construction of an ultrasensitive non-enzymatic sensor to investigate the dynamic process of superoxide anion release from living cells

Hongwei Wei, Tianyi Shang, Tiaodi Wu, Guoan Liu, Lan Ding, Xiuhui Liu



 PII:
 S0956-5663(17)30580-8

 DOI:
 http://dx.doi.org/10.1016/j.bios.2017.08.046

 Reference:
 BIOS9956

To appear in: Biosensors and Bioelectronic

Received date:5 June 2017Revised date:18 August 2017Accepted date:21 August 2017

Cite this article as: Hongwei Wei, Tianyi Shang, Tiaodi Wu, Guoan Liu, Lan Ding and Xiuhui Liu, Construction of an ultrasensitive non-enzymatic sensor to investigate the dynamic process of superoxide anion release from living cells, *Biosensors and Bioelectronic*, http://dx.doi.org/10.1016/j.bios.2017.08.046

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 galley proof before it is published in its final citable 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.

## Construction of an ultrasensitive non-enzymatic sensor to investigate the dynamic process of superoxide anion release from living cells

## Hongwei Wei, Tianyi Shang, Tiaodi Wu, Guoan Liu, Lan Ding, Xiuhui Liu\*

Key Laboratory of Bioelectrochemistry & Environmental Analysis of Gansu Province, College of Chemistry & Chemical Engineering, Northwest Normal University, Lanzhou, 730070, China

\* Corresponding author.

Xiuhui Liu, Tel.: +86 0931 7975276; E mail: liuxh@nwnu.edu.cn

Address: No. 967 Anning East Road, Lanzhou, Gansu, 730070. P.R.China

<sup>\*</sup> Corresponding author. Tel.: +86 0931 7975276; fax: +86 0931 7971323. E mail: liuxh@nwnu.edu.cn

Download English Version:

## https://daneshyari.com/en/article/5030759

Download Persian Version:

https://daneshyari.com/article/5030759

Daneshyari.com