### Author's Accepted Manuscript

Molecular imprinting ratiometric fluorescence sensor for highly selective and sensitive detection of Phycocyanin

Xiaoyan Wang, Jialuo Yu, Qi Kang, Dazhong Shen, Jinhua Li, Lingxin Chen



www.elsevier.com/locate/bios

PII: S0956-5663(15)30484-X

DOI: http://dx.doi.org/10.1016/j.bios.2015.10.019

Reference: BIOS8055

To appear in: Biosensors and Bioelectronic

Received date: 10 August 2015 Revised date: 30 September 2015 Accepted date: 7 October 2015

Cite this article as: Xiaoyan Wang, Jialuo Yu, Qi Kang, Dazhong Shen, Jinhua Li and Lingxin Chen, Molecular imprinting ratiometric fluorescence sensor fo highly selective and sensitive detection of Phycocyanin, *Biosensors and Bioelectronic*, http://dx.doi.org/10.1016/j.bios.2015.10.019

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o 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

### **ACCEPTED MANUSCRIPT**

# Molecular imprinting ratiometric fluorescence sensor for highly selective and sensitive detection of phycocyanin

Xiaoyan Wang †,‡,§, Jialuo Yu †,‡, Qi Kang †, Dazhong Shen \*,†, Jinhua Li ‡, Lingxin Chen \*,‡

<sup>†</sup> College of Chemistry, Chemical Engineering and Materials Science, Collaborative Innovation Center of Functionalized Probes for Chemical Imaging in Universities of Shandong, Key Laboratory of Molecular and Nano Probes, Ministry of Education, Shandong Provincial Key Laboratory of Clean Production of Fine Chemicals, Shandong Normal University, Jinan 250014, China

<sup>‡</sup> Key Laboratory of Coastal Environmental Processes and Ecological Remediation, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, Yantai 264003, China

§ School of Pharmacy, Binzhou Medical University, Yantai 264003, China

\*Corresponding authors.

E-mail addresses: dzshen@sdnu.edu.cn (D. Shen); lxchen@yic.ac.cn (L. Chen).

#### Download English Version:

## https://daneshyari.com/en/article/7231653

Download Persian Version:

https://daneshyari.com/article/7231653

<u>Daneshyari.com</u>