

Accepted Manuscript

Nanozyme: an emerging alternative to natural enzyme for biosensing and immunoassay

Qingqing Wang, Hui Wei, Zhiquan Zhang, Erkang Wang, Shaojun Dong

PII: S0165-9936(17)30475-2

DOI: [10.1016/j.trac.2018.05.012](https://doi.org/10.1016/j.trac.2018.05.012)

Reference: TRAC 15157

To appear in: *Trends in Analytical Chemistry*

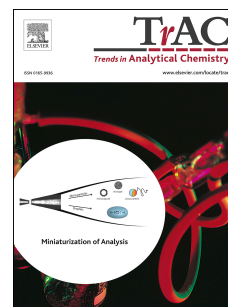
Received Date: 14 December 2017

Revised Date: 7 May 2018

Accepted Date: 19 May 2018

Please cite this article as: Q. Wang, H. Wei, Z. Zhang, E. Wang, S. Dong, Nanozyme: an emerging alternative to natural enzyme for biosensing and immunoassay, *Trends in Analytical Chemistry* (2018), doi: 10.1016/j.trac.2018.05.012.

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.



1 **Nanozyme: an emerging alternative to natural enzyme for biosensing**
2 **and immunoassay**

3 Qingqing Wang ^{a, b}, Hui Wei ^c, Zhiquan Zhang ^b, Erkang Wang ^a and Shaojun Dong ^{a,*}

4 ^a *State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of*
5 *Applied Chemistry, Chinese Academy of Sciences, Changchun, Jilin 130022, P. R.*
6 *China*

7 ^b *College of Chemistry, Jilin University, Changchun, Jilin 130012, P. R. China*

8 ^c *Department of Biomedical Engineering, College of Engineering and Applied*
9 *Sciences, Collaborative Innovation Center of Chemistry for Life Sciences, Nanjing*
10 *National Laboratory of Microstructures, Nanjing University, Nanjing, Jiangsu*
11 *210093, P. R. China.*

12 *Corresponding Author. Tel: +86 431 85692886. Fax: +86 431 85689711.

13 E-mail: dongsj@ciac.ac.cn.

14

15

16

17

18

19

20

Download English Version:

<https://daneshyari.com/en/article/7687575>

Download Persian Version:

<https://daneshyari.com/article/7687575>

[Daneshyari.com](https://daneshyari.com)