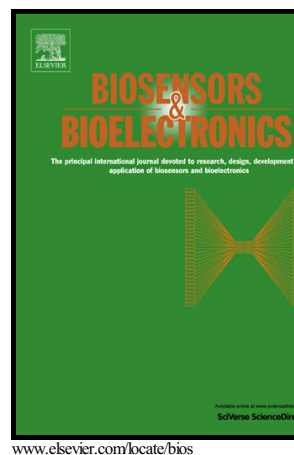


Author's Accepted Manuscript

Sensitive electrochemical aptamer cytosensor for highly specific detection of Cancer cells based on the Hybrid nanoelectrocatalysts and enzyme for signal amplification

Duanping Sun, Jing Lu, Yuwen Zhong, Yanyan Yu, Yu Wang, Beibei Zhang, Zuanguang Chen



PII: S0956-5663(15)30381-X
DOI: <http://dx.doi.org/10.1016/j.bios.2015.08.056>
Reference: BIOS7952

To appear in: *Biosensors and Bioelectronic*

Received date: 25 July 2015
Revised date: 19 August 2015
Accepted date: 23 August 2015

Cite this article as: Duanping Sun, Jing Lu, Yuwen Zhong, Yanyan Yu, Yu Wang, Beibei Zhang and Zuanguang Chen, Sensitive electrochemical aptamer cytosensor for highly specific detection of Cancer cells based on the Hybrid nanoelectrocatalysts and enzyme for signal amplification, *Biosensors and Bioelectronic*, <http://dx.doi.org/10.1016/j.bios.2015.08.056>

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

Sensitive electrochemical aptamer cytosensor for highly specific detection of cancer cells based on the hybrid nanoelectrocatalysts and enzyme for signal amplification

Duanping Sun ^a, Jing Lu ^a, Yuwen Zhong ^{b,*}, Yanyan Yu ^a, Yu Wang ^a,
Beibei Zhang ^a, Zuanguang Chen ^{a,*}

^a *School of Pharmaceutical Sciences, Sun Yat-Sen University, Guangzhou 510006, China*

^b *Center for Disease Control and Prevention of Guangdong Province, Guangzhou 511130, China*

* Corresponding authors. Tel.: +86 20 39943044; fax: +86 20 39943071.

E-mail addresses: yu0106@163.com (Y. Zhong), chenzg@mail.sysu.edu.cn (Z. Chen).

Download English Version:

<https://daneshyari.com/en/article/7231434>

Download Persian Version:

<https://daneshyari.com/article/7231434>

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