

Author's Accepted Manuscript

Competitive electrochemical platform for ultrasensitive cytosensing of liver cancer cells by using nanotetrahedra structure with rolling circle amplification

Duanping Sun, Jing Lu, Zhaofan Luo, Luyong Zhang, Peiqing Liu, Zuanguang Chen



PII: S0956-5663(18)30591-8
DOI: <https://doi.org/10.1016/j.bios.2018.08.002>
Reference: BIOS10666

To appear in: *Biosensors and Bioelectronic*

Received date: 23 May 2018
Revised date: 29 July 2018
Accepted date: 2 August 2018

Cite this article as: Duanping Sun, Jing Lu, Zhaofan Luo, Luyong Zhang, Peiqing Liu and Zuanguang Chen, Competitive electrochemical platform for ultrasensitive cytosensing of liver cancer cells by using nanotetrahedra structure with rolling circle amplification, *Biosensors and Bioelectronic*, <https://doi.org/10.1016/j.bios.2018.08.002>

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.

**Competitive electrochemical platform for ultrasensitive
cytosensing of liver cancer cells by using nanotetrahedra
structure with rolling circle amplification**

Duanping Sun^{a,b1}, Jing Lu^{a1}, Zhaofan Luo^c, Luyong Zhang^b, Peiqing Liu^{a*}, Zuanguang
Chen^{a*}

^aSchool of Pharmaceutical Sciences, Sun Yat-Sen University, Guangzhou 510006,
China

^bGuangzhou Key Laboratory of Construction and Application of New Drug Screening
Model Systems, Guangdong Pharmaceutical University, Guangzhou 510006, China

^cDepartment of Clinical Laboratory, The Seventh Affiliated Hospital of Sun Yat-Sen
University, Shenzhen 518071, China

liupq@mail.sysu.edu.cn

chenzg@mail.sysu.edu.cn

*Corresponding authors.

¹ Duanping Sun and Jing Lu contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/8947788>

Download Persian Version:

<https://daneshyari.com/article/8947788>

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