

Label-free photoelectrochemical immunosensing platform for detection of carcinoembryonic antigen through photoactive conducting poly(5-formylindole) nanocomposite

Guangming Nie, Yun Tang, Bin Zhang, Yang Wang, Qingfu Guo



www.elsevier.com/locate/bios

PII: S0956-5663(18)30396-8
DOI: <https://doi.org/10.1016/j.bios.2018.05.041>
Reference: BIOS10499

To appear in: *Biosensors and Bioelectronics*

Received date: 13 April 2018
Revised date: 22 May 2018
Accepted date: 24 May 2018

Cite this article as: Guangming Nie, Yun Tang, Bin Zhang, Yang Wang and Qingfu Guo, Label-free photoelectrochemical immunosensing platform for detection of carcinoembryonic antigen through photoactive conducting poly(5-formylindole) nanocomposite, *Biosensors and Bioelectronics*, <https://doi.org/10.1016/j.bios.2018.05.041>

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.

**Label-free photoelectrochemical immunosensing platform for
detection of carcinoembryonic antigen through photoactive
conducting poly(5-formylindole) nanocomposite**

Guangming Nie^{*}, Yun Tang, Bin Zhang, Yang Wang, Qingfu Guo

Key Laboratory of Sensor Analysis of Tumor Marker, Ministry of Education, College
of Chemistry and Molecular Engineering, Qingdao University of Science and
Technology, Qingdao 266042, People's Republic of China

*Corresponding author. Tel.: +86-532-88959058; fax. +86-532-88957187,
gmnie@126.com

Submitted to *Biosensor and Bioelectronics*

Download English Version:

<https://daneshyari.com/en/article/7229111>

Download Persian Version:

<https://daneshyari.com/article/7229111>

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