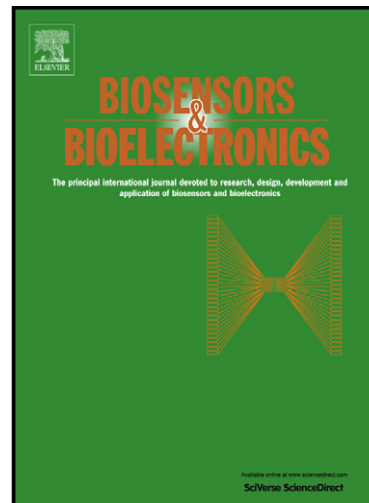


Author's Accepted Manuscript

Selective and sensitive detection of free bilirubin in blood serum using human serum albumin stabilized gold nanoclusters as fluorometric and colorimetric probe

Mallesh Santhosh, Somasekhar R. Chinnadayala, Ankana Kakoti, Pranab Goswami



www.elsevier.com/locate/bios

PII: S0956-5663(14)00257-7
DOI: <http://dx.doi.org/10.1016/j.bios.2014.04.003>
Reference: BIOS6704

To appear in: *Biosensors and Bioelectronics*

Received date: 31 December 2013

Revised date: 31 March 2014

Accepted date: 1 April 2014

Cite this article as: Mallesh Santhosh, Somasekhar R. Chinnadayala, Ankana Kakoti, Pranab Goswami, Selective and sensitive detection of free bilirubin in blood serum using human serum albumin stabilized gold nanoclusters as fluorometric and colorimetric probe, *Biosensors and Bioelectronics*, <http://dx.doi.org/10.1016/j.bios.2014.04.003>

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.

Selective and sensitive detection of free bilirubin in blood serum using human serum albumin stabilized gold nanoclusters as fluorometric and colorimetric probe

Mallesh Santhosh, Somasekhar R. Chinnadayala, Ankana Kakoti, Pranab Goswami*

Department of Biotechnology, Indian Institute of Technology Guwahati, Guwahati 781039,
Assam, India

Short title: Detection of free bilirubin using HSA stabilized gold nanoclusters.

*Correspondence: Fax: +91 361 2582249; Tel: +91 361 2582202; E-mail: pgoswami@iitg.ernet.in (P. Goswami)

Download English Version:

<https://daneshyari.com/en/article/7233581>

Download Persian Version:

<https://daneshyari.com/article/7233581>

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