## Accepted Manuscript

Title: Rapid Colorimetric Detection of p53 Protein Function using DNA-Gold Nanoconjugates with Applications for Drug Discovery and Cancer Diagnostics

Authors: Enock Assah, Walter Goh, Xin Ting Zheng, Ting Xiang Lim, Jun Li, David Lane, Farid Ghadessy, Yen Nee Tan

PII: S0927-7765(18)30283-2

DOI: https://doi.org/10.1016/j.colsurfb.2018.05.007

Reference: COLSUB 9323

To appear in: Colloids and Surfaces B: Biointerfaces

Received date: 5-3-2018 Revised date: 2-5-2018 Accepted date: 3-5-2018

Please cite this article as: Enock Assah, Walter Goh, Xin Ting Zheng, Ting Xiang Lim, Jun Li, David Lane, Farid Ghadessy, Yen Nee Tan, Rapid Colorimetric Detection of p53 Protein Function using DNA-Gold Nanoconjugates with Applications for Drug Discovery and Cancer Diagnostics, Colloids and Surfaces B: Biointerfaces https://doi.org/10.1016/j.colsurfb.2018.05.007

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.



### ACCEPTED MANUSCRIPT

# Rapid Colorimetric Detection of p53 Protein Function using DNA-Gold Nanoconjugates with Applications for Drug Discovery and Cancer Diagnostics

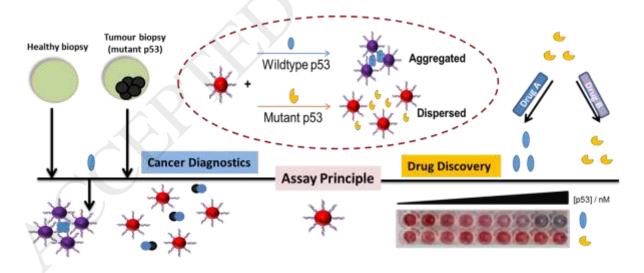
Enock Assah<sup>a,c,#</sup>, Walter Goh<sup>b,#</sup>, Xin Ting Zheng<sup>a</sup>, Ting Xiang Lim<sup>b</sup>, Jun Li <sup>c</sup>, David Lane<sup>b</sup>, Farid Ghadessy<sup>b</sup> and Yen Nee Tan<sup>a</sup>\*

aInstitute of Materials Research and Engineering, Agency for Science, Technology and Research (A\*STAR), 2 Fusionopolis Way, Innovis #08-03, Singapore 138634
 bp53 Laboratory (A\*STAR), 8A Biomedical Grove Immunos Singapore 138648
 cDepartment of Biomedical Engineering, Faculty of Engineering, National University of Singapore, 7 Engineering Drive 1, Singapore 117574, Singapore

\*These authors have equal contribution to this work

\*Corresponding Author: tanyn@imre.a-star.edu.sg

#### **Graphical Abstract**



#### Download English Version:

# https://daneshyari.com/en/article/6980285

Download Persian Version:

https://daneshyari.com/article/6980285

<u>Daneshyari.com</u>