

Accepted Manuscript

Title: Dual-color quantum dots-based simultaneous detection of HPV-HIV co-infection

Authors: Ana Maria Jimenez Jimenez, Amitava Moulick, Lukas Richtera, Ludmila Krejcova, Lukas Kalina, Rahul Datta, Marketa Svobodova, David Hynek, Michal Masarik, Zbynek Heger, Vojtech Adam



PII: S0925-4005(17)32204-9
DOI: <https://doi.org/10.1016/j.snb.2017.11.074>
Reference: SNB 23568

To appear in: *Sensors and Actuators B*

Received date: 21-8-2017
Revised date: 3-11-2017
Accepted date: 15-11-2017

Please cite this article as: Ana Maria Jimenez Jimenez, Amitava Moulick, Lukas Richtera, Ludmila Krejcova, Lukas Kalina, Rahul Datta, Marketa Svobodova, David Hynek, Michal Masarik, Zbynek Heger, Vojtech Adam, Dual-color quantum dots-based simultaneous detection of HPV-HIV co-infection, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2017.11.074>

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.

Dual-color quantum dots-based simultaneous detection of HPV-HIV co-infection

Ana Maria Jimenez Jimenez^{1,2*}, Amitava Moulick^{1,2*}, Lukas Richtera^{1,2}, Ludmila Krejcova^{1,2},
Lukas Kalina³, Rahul Datta⁴, Marketa Svobodova⁵, David Hynek^{1,2}, Michal Masarik⁵, Zbynek
Heger^{1,2}, Vojtech Adam^{1,2&}

**These authors contributed equally to this work and are alphabetically ordered.*

¹*Department of Chemistry and Biochemistry, Mendel University in Brno, Zemedelska 1, CZ-613 00 Brno, Czech Republic*

²*Central European Institute of Technology, Brno University of Technology, Purkynova 123, CZ-612 00 Brno, Czech Republic*

³*Materials Research Centre, Faculty of Chemistry, Brno University of Technology, Purkynova 118, Brno CZ-612 00, Czech Republic*

⁴*School of Environment & Natural Resources, Ohio State University, C-MASC, 422C Kottman Hall, 2021 Coffey Road, Columbus, OH 43210, USA*

⁵*Department of Pathological Physiology, Faculty of Medicine, Masaryk University, Kamenice 5, CZ-625 00 Brno, Czech Republic*

&Corresponding author

Vojtech Adam, Department of Chemistry and Biochemistry, Mendel University in Brno, Zemedelska 1, CZ-613 00 Brno, Czech Republic; E-mail: vojtech.adam@mendelu.cz; phone: +420-5-4513-3350; fax: +420-5-4521-2044

Download English Version:

<https://daneshyari.com/en/article/7141131>

Download Persian Version:

<https://daneshyari.com/article/7141131>

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