

## Accepted Manuscript

Title: An enzyme-free hydrogen peroxide sensor for evaluation of probiotic potential of *Enterococcus faecium*

Authors: Mourad Braik, Lucian-Gabriel Zamfir, Lucian Rotariu, Carmen Curutiu, Mariana Carmen Chifiriuc, Mounir Ben Ali, Camelia Bala



PII: S0925-4005(18)31161-4  
DOI: <https://doi.org/10.1016/j.snb.2018.06.057>  
Reference: SNB 24894

To appear in: *Sensors and Actuators B*

Received date: 15-2-2018  
Revised date: 7-6-2018  
Accepted date: 12-6-2018

Please cite this article as: Braik M, Zamfir L-Gabriel, Rotariu L, Curutiu C, Chifiriuc MC, Ali MB, Bala C, An enzyme-free hydrogen peroxide sensor for evaluation of probiotic potential of *Enterococcus faecium*, *Sensors and Actuators: B. Chemical* (2018), <https://doi.org/10.1016/j.snb.2018.06.057>

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.

An enzyme-free hydrogen peroxide sensor for evaluation of probiotic potential of  
*Enterococcus faecium*

Mourad Braik<sup>a,b</sup>, Lucian-Gabriel Zamfir<sup>a,c</sup>, Lucian Rotariu<sup>a,d,\*</sup>, Carmen Curutiu<sup>e</sup>, Mariana Carmen Chifiriuc<sup>e</sup>, Mounir Ben Ali<sup>b,f</sup>, Camelia Bala<sup>a,d,\*</sup>

<sup>a</sup> LaborQ, University of Bucharest, 4-12 Regina Elisabeta Blvd., 030018 Bucharest, Romania

<sup>b</sup> Higher Institute of Applied Sciences and Technology of Sousse, University of Sousse, Sousse, Tunisia;

<sup>c</sup> ICUB, University of Bucharest, 36-46 B-dul M. Kogalniceanu, 050107 Bucharest, Romania

<sup>d</sup> Department of Analytical Chemistry, University of Bucharest, 4-12 Regina Elisabeta Blvd., 030018 Bucharest, Romania

<sup>e</sup> Department of Botany and Microbiology, Faculty of Biology, University of Bucharest, 1-3 Aleea Portocalelor Str., 60101 Bucharest, Romania

<sup>f</sup> Nanomisene Lab, LR16CRMN01, Center for Research on Microelectronics and Nanotechnology of Sousse, Sousse, Tunisia

\*corresponding author: Department of Analytical Chemistry, University of Bucharest, 4-12 Regina

Elisabeta Blvd., 030018 Bucharest, Romania tel./fax: +40 21 4104888:

email: camelia.bala@chimie.unibuc.ro

Download English Version:

<https://daneshyari.com/en/article/7138739>

Download Persian Version:

<https://daneshyari.com/article/7138739>

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