## Accepted Manuscript

Quantitative Assessment of Paraoxon Adsorption to amphiphilic  $\beta$ -sheet Peptides Presenting the Catalytic Triad of Esterases

Avigail Baruch Leshem, Sivan Isaacs, Sachin K. Srivastava, Ibrahim Abdulhalim, Ariel Kushmaro, Hanna Rapaport

PII:	\$0021-9797(18)30713-6
DOI:	https://doi.org/10.1016/j.jcis.2018.06.065
Reference:	YJCIS 23756
To appear in:	Journal of Colloid and Interface Science
Received Date:	20 April 2018
Revised Date:	21 June 2018
Accepted Date:	22 June 2018



Please cite this article as: A. Baruch Leshem, S. Isaacs, S.K. Srivastava, I. Abdulhalim, A. Kushmaro, H. Rapaport, Quantitative Assessment of Paraoxon Adsorption to amphiphilic  $\beta$ -sheet Peptides Presenting the Catalytic Triad of Esterases, *Journal of Colloid and Interface Science* (2018), doi: https://doi.org/10.1016/j.jcis.2018.06.065

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.

## Quantitative Assessment of Paraoxon Adsorption to

## amphiphilic β-sheet Peptides Presenting the Catalytic Triad

## of Esterases

Avigail Baruch Leshem<sup>1</sup>, Sivan Isaacs<sup>2</sup>, Sachin K. Srivastava<sup>2</sup>, Ibrahim Abdulhalim<sup>2,4,6</sup>, Ariel Kushmaro<sup>3,5,6</sup>, Hanna Rapaport<sup>3,6</sup>

<sup>1</sup> Unit of Environmental Engineering, Ben-Gurion University of the Negev, Beer-Sheva 84105, Israel

<sup>2</sup> Department of Electro-optic Engineering, Ben-Gurion University of the Negev, Beer-Sheva 84105, Israel

<sup>3</sup> Avram and Stella Goldstein-Goren Department of Biotechnology Engineering, Ben-Gurion University of the Negev, Beer-Sheva 84105, Israel

<sup>4</sup> School of Materials Science and Engineering, Nanyang Technological University, Singapore

<sup>5</sup> National Institute for Biotechnology in the Negev (NIBN), Ben-Gurion University of the Negev, Beer-Sheva 84105, Israel

<sup>6</sup> The Ilse Katz Institute for Nanoscale Science and Technology, Ben-Gurion University of the Negev, Beer-Sheva 84105, Israel

Download English Version:

https://daneshyari.com/en/article/6989747

Download Persian Version:

https://daneshyari.com/article/6989747

Daneshyari.com