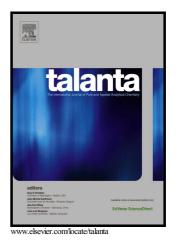
## Author's Accepted Manuscript

Enhancement of Aptamer Immobilization Using Egg Shell-Derived Nano-Sized Spherical Hydroxyapatite for Thrombin Detection in Neuroclinic

Burak Derkus, Yavuz Emre Arslan, Kaan C. Emregul, Emel Emregul



PII:	S0039-9140(16)30371-X
DOI:	http://dx.doi.org/10.1016/j.talanta.2016.05.045
Reference:	TAL16595

To appear in: Talanta

Received date: 4 March 2016 Revised date: 10 May 2016 Accepted date: 14 May 2016

Cite this article as: Burak Derkus, Yavuz Emre Arslan, Kaan C. Emregul and Emel Emregul, Enhancement of Aptamer Immobilization Using Egg Shell Derived Nano-Sized Spherical Hydroxyapatite for Thrombin Detection in Neuroclinic, *Talanta*, http://dx.doi.org/10.1016/j.talanta.2016.05.045

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o 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

## ACCEPTED MANUSCRIPT

Enhancement of Aptamer Immobilization Using Egg Shell-Derived Nano-Sized Spherical

Hydroxyapatite for Thrombin Detection in Neuroclinic

Burak Derkus<sup>a</sup>, Yavuz Emre Arslan<sup>b</sup>, Kaan C. Emregul<sup>a</sup>, Emel Emregul<sup>a</sup>,\*

<sup>a</sup>Bioelectrochemistry Lab, Department of Chemistry, Ankara University, Tandogan, Ankara

06100, Turkey

<sup>b</sup>Regenerative Biomaterials Laboratory, Department of Bioengineering, Engineering Faculty,

Canakkale Onsekiz Mart University, Canakkale 17100, Turkey

\*Corresponding author: eemregul@yahoo.com, Phone Number: +90 0312-2126040

Download English Version:

## https://daneshyari.com/en/article/7677578

Download Persian Version:

https://daneshyari.com/article/7677578

Daneshyari.com