

Author's Accepted Manuscript

Siderophore coated magnetic iron nanoparticles:
Rational designing of water soluble nanobiosensor
for visualizing Al^{3+} in live organism

M. Raju, Sakshi Srivastava, Ratish R. Nair, Ishan
H. Raval, Soumya Haldar, Pabitra B. Chatterjee



PII: S0956-5663(17)30388-3
DOI: <http://dx.doi.org/10.1016/j.bios.2017.06.013>
Reference: BIOS9783

To appear in: *Biosensors and Bioelectronic*

Received date: 6 May 2017
Accepted date: 7 June 2017

Cite this article as: M. Raju, Sakshi Srivastava, Ratish R. Nair, Ishan H. Raval, Soumya Haldar and Pabitra B. Chatterjee, Siderophore coated magnetic iron nanoparticles: Rational designing of water soluble nanobiosensor for visualizing Al^{3+} in live organism, *Biosensors and Bioelectronic* <http://dx.doi.org/10.1016/j.bios.2017.06.013>

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 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

**Siderophore coated magnetic iron nanoparticles:
Rational designing of water soluble nanobiosensor for
visualizing Al³⁺ in live organism**

**M. Raju,[†] Sakshi Srivastava,[†] Ratish R. Nair,[†] Ishan H. Raval,[‡]
Soumya Haldar,^{*,‡,§} and Pabitra B. Chatterjee^{*,†,§}**

[†]Analytical Division and Centralized Instrument Facility,

CSIR-CSMCRI, Bhavnagar, Gujarat, India.

[‡]Marine Biotechnology and Ecology Division,

CSIR-CSMCRI, Bhavnagar, Gujarat, India.

[§]Academy of Scientific and Innovative Research,

CSIR-CSMCRI, Bhavnagar, Gujarat, India.

Corresponding author: pbchatterjee@csmcri.res.in

Download English Version:

<https://daneshyari.com/en/article/5030998>

Download Persian Version:

<https://daneshyari.com/article/5030998>

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