

Accepted Manuscript

A porphyrin-based fluorescent probe for optical detection of toxic Cd²⁺ ion in aqueous solution and living cells

Wen-Bin Huang, Wei Gu, Hong-Xia Huang, Jun-Bo Wang, Wang-Xing Shen, Yuan-Yuan Lv, Jie Shen

PII: S0143-7208(17)30323-6

DOI: [10.1016/j.dyepig.2017.05.001](https://doi.org/10.1016/j.dyepig.2017.05.001)

Reference: DYPI 5962

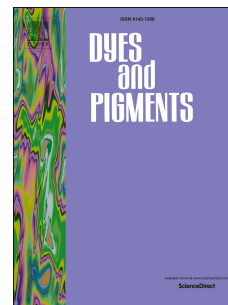
To appear in: *Dyes and Pigments*

Received Date: 28 February 2017

Revised Date: 27 April 2017

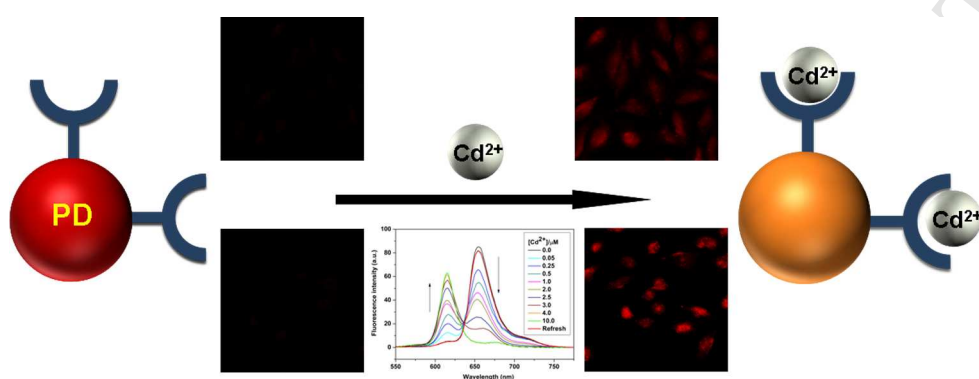
Please cite this article as: Huang W-B, Gu W, Huang H-X, Wang J-B, Shen W-X, Lv Y-Y, Shen J, A porphyrin-based fluorescent probe for optical detection of toxic Cd²⁺ ion in aqueous solution and living cells, *Dyes and Pigments* (2017), doi: 10.1016/j.dyepig.2017.05.001.

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.



Graphical abstract

A ratiometric fluorescent chemosensor PD could sensitive and selective detect Cd^{2+} in aqueous solution and living cells.



Download English Version:

<https://daneshyari.com/en/article/4765911>

Download Persian Version:

<https://daneshyari.com/article/4765911>

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