

Accepted Manuscript

Title: Synthesis, characterization and energy transfer studies of fluorescent dye-labeled metal-chelating polymers anchoring pendant thiol groups for surface modification of quantum dots and investigation on their application for pH-responsive controlled release of doxorubicin



Authors: Shima Nasri, Ghasem Rezanejade Bardajee, Mohammad Bayat

PII: S0927-7765(18)30522-8
DOI: <https://doi.org/10.1016/j.colsurfb.2018.07.074>
Reference: COLSUB 9530

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 23-2-2018
Revised date: 8-6-2018
Accepted date: 30-7-2018

Please cite this article as: Nasri S, Bardajee GR, Bayat M, Synthesis, characterization and energy transfer studies of fluorescent dye-labeled metal-chelating polymers anchoring pendant thiol groups for surface modification of quantum dots and investigation on their application for pH-responsive controlled release of doxorubicin, *Colloids and Surfaces B: Biointerfaces* (2018), <https://doi.org/10.1016/j.colsurfb.2018.07.074>

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.

Synthesis, characterization and energy transfer studies of fluorescent dye-labeled metal-chelating polymers anchoring pendant thiol groups for surface modification of quantum dots and investigation on their application for pH-responsive controlled release of doxorubicin

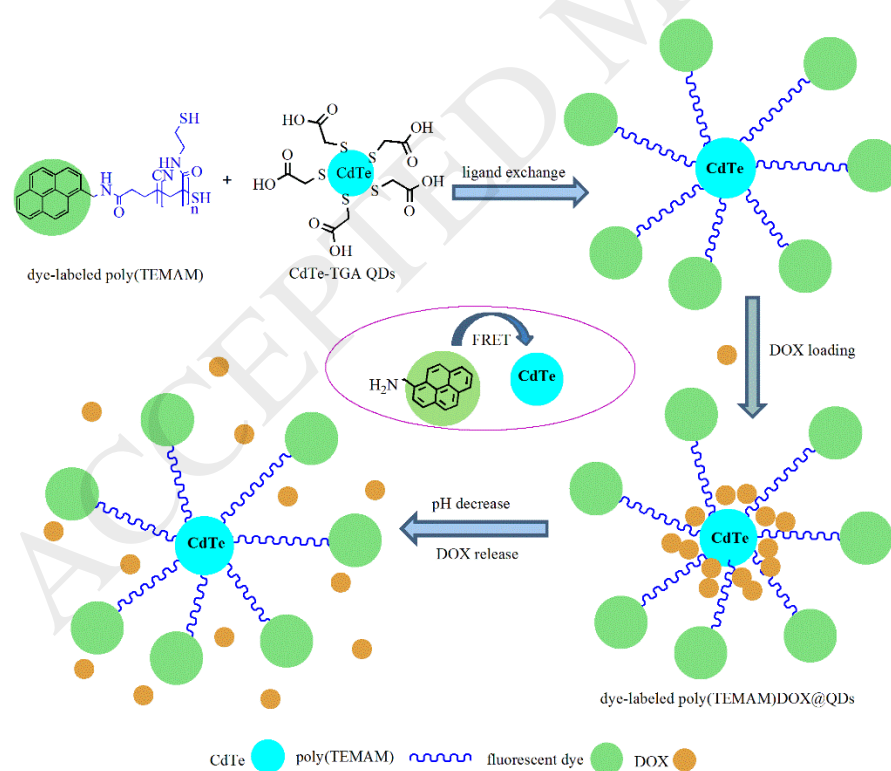
Shima Nasri,^a Ghasem Rezanejade Bardajee,^{*b} Mohammad Bayat^a

^a Department of Chemistry, Imam Khomeini International University, Qazvin, Iran

^b Department of Chemistry, Payame Noor University, PO BOX 19395-3697, Tehran, Iran

*E-mail: rezanejad@pnu.ac.ir; ghrezanejad@yahoo.com

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/6980204>

Download Persian Version:

<https://daneshyari.com/article/6980204>

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