## Accepted Manuscript

Title: Design strategies for physical-stimuli-responsive programmable nanotherapeutics

Authors: Fitsum Feleke Sahle, Muhammad Gulfam, Tao L.

Lowe

PII: \$1359-6446(17)30509-3

DOI: https://doi.org/10.1016/j.drudis.2018.04.003

Reference: DRUDIS 2215

To appear in:

Please cite this article as: Sahle, Fitsum Feleke, Gulfam, Muhammad, Lowe, Tao L., Design strategies for physical-stimuli-responsive programmable nanotherapeutics.Drug Discovery Today https://doi.org/10.1016/j.drudis.2018.04.003

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.



## ACCEPTED MANUSCRIPT

D		C 1		4 · 1 ·				
Decion	ctrategies	tor nn	vcicai-c	timiiii_rec	nancive	nragrammanie	nanotherapeuti	ഹ
DUSIEII	But attends.	TOI PII	y SICUI-S		POHSIVE	pi ogi ammanic	manounci apcun	CD

Fitsum Feleke Sahle, Muhammad Gulfam and Tao L. Lowe\*

Department of Pharmaceutical Sciences, University of Tennessee Health Sciences Center, Memphis, TN 38163, USA

\*Corresponding author: Lowe, T.L. (tlowe@uthsc.edu).

### **Highlights:**

- Strategies for designing physical-stimuli-responsive nanotherapeutics are reviewed
- The chemistry of designing physical-stimuli-responsive nanomaterials is summarized
- The approaches to program nanomaterials by surface functionalization are compiled
- Methods to design nanotherapeutics with dual-stimuli responsiveness are discussed

#### Download English Version:

# https://daneshyari.com/en/article/8409627

Download Persian Version:

https://daneshyari.com/article/8409627

<u>Daneshyari.com</u>