Accepted Manuscript

Self-Immolative Chemistry In Nanomedicine

M. Gisbert-Garzarán, M. Manzano, M. Vallet-Regí

PII: S1385-8947(17)32220-9
DOI: https://doi.org/10.1016/j.cej.2017.12.098
Reference: CEJ 18259

To appear in: *Chemical Engineering Journal*

Please cite this article as: M. Gisbert-Garzarán, M. Manzano, M. Vallet-Regí, Self-Immolative Chemistry In Nanomedicine, *Chemical Engineering Journal* (2017), doi: https://doi.org/10.1016/j.cej.2017.12.098

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

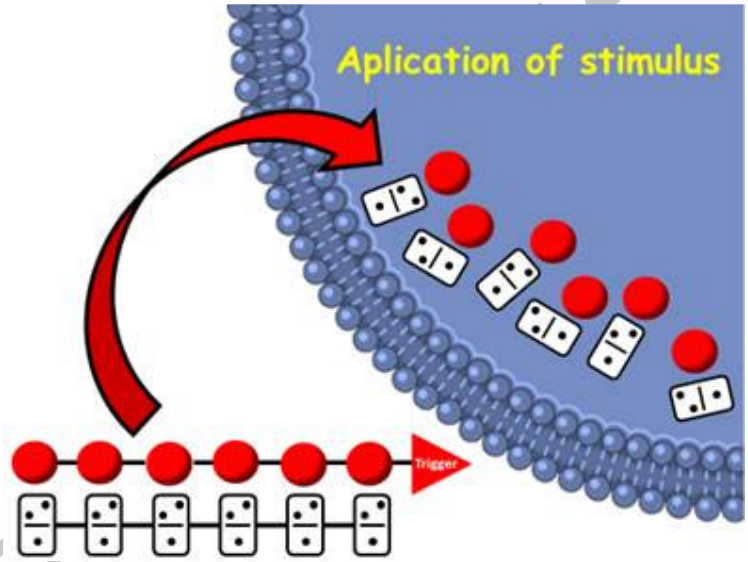
SELF-IMMOLATIVE CHEMISTRY IN NANOMEDICINE

M. Gisbert-Garzarán[ab], M. Manzano*[ab] and M. Vallet-Regí*[ab]

[a]*Departamento de Química Inorgánica y Bioinorgánica, Facultad de Farmacia. Universidad Complutense de Madrid, Instituto de Investigación Sanitaria Hospital 12 de Octubre i + 12, Plaza de Ramón y Cajal s/n, E-28040 Madrid, Spain. E-mail: vallet@ucm.es mmanzano@ucm.es*

[b]*Networking Research Center on Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN), Madrid, Spain. Fax: +34 913941786; Tel: +34 913941861*

Graphical Abstract



Abstract

Self-Immolative Chemistry is based on the cascade of disassembling reactions triggered by the adequate stimulation and leading to the sequential release of the smaller constituent elements. This review will focus on the possibilities that this type of chemistry offers to nanomedicine research, which is an area where

Download English Version:

https://daneshyari.com/en/article/6579940

Download Persian Version:

https://daneshyari.com/article/6579940

Daneshyari.com