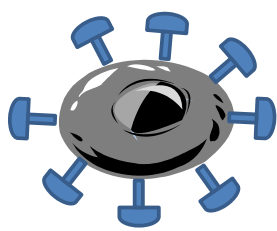
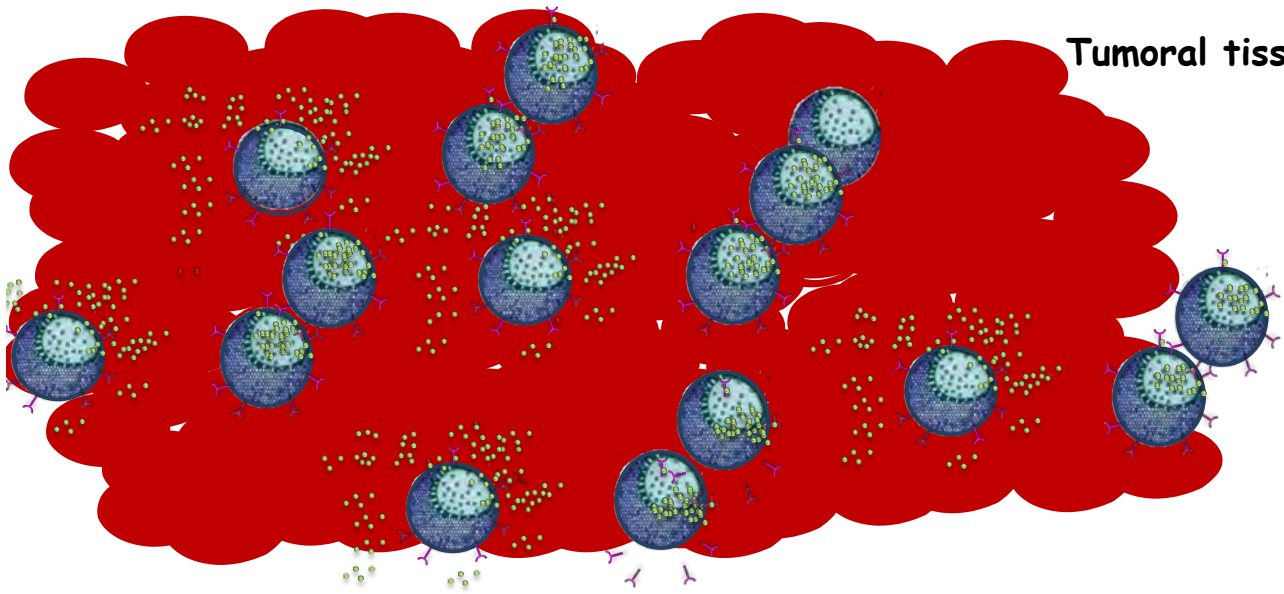


# Tumoral tissue



Tumoral cell with upregulated receptors



Antitumoral drug



Tumoral cell



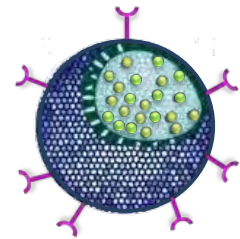
Receptor



Targeting agent



Apoptotic cell

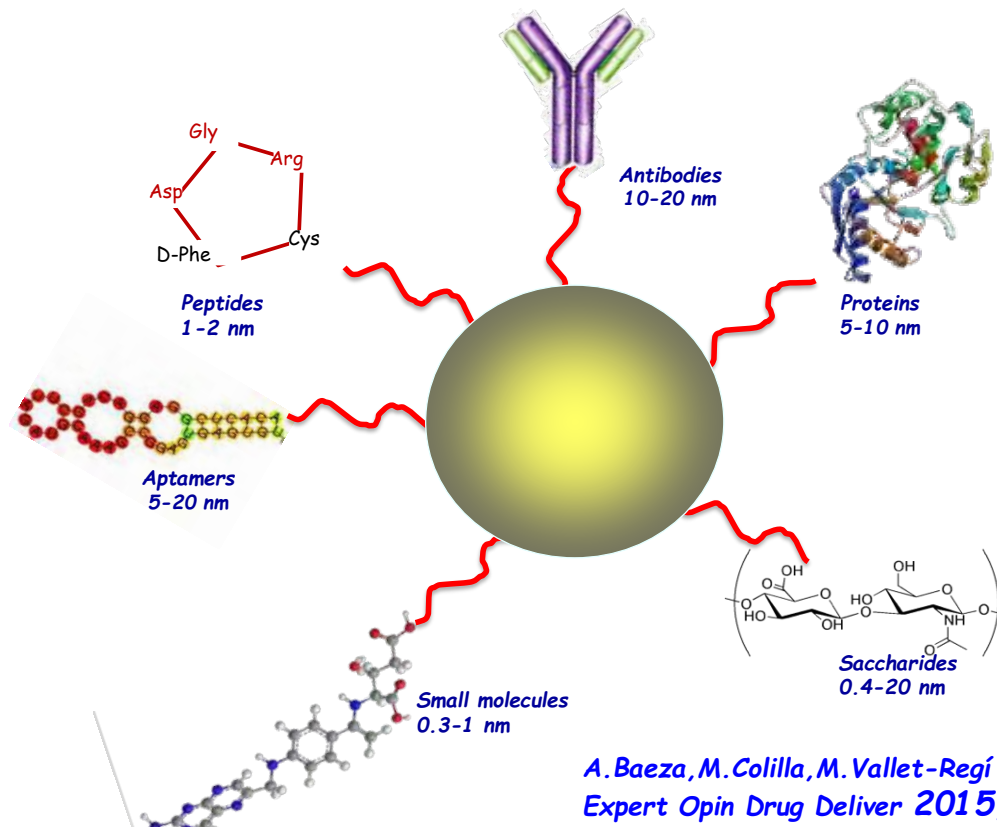


Drug loaded nanoparticle with targeting agents

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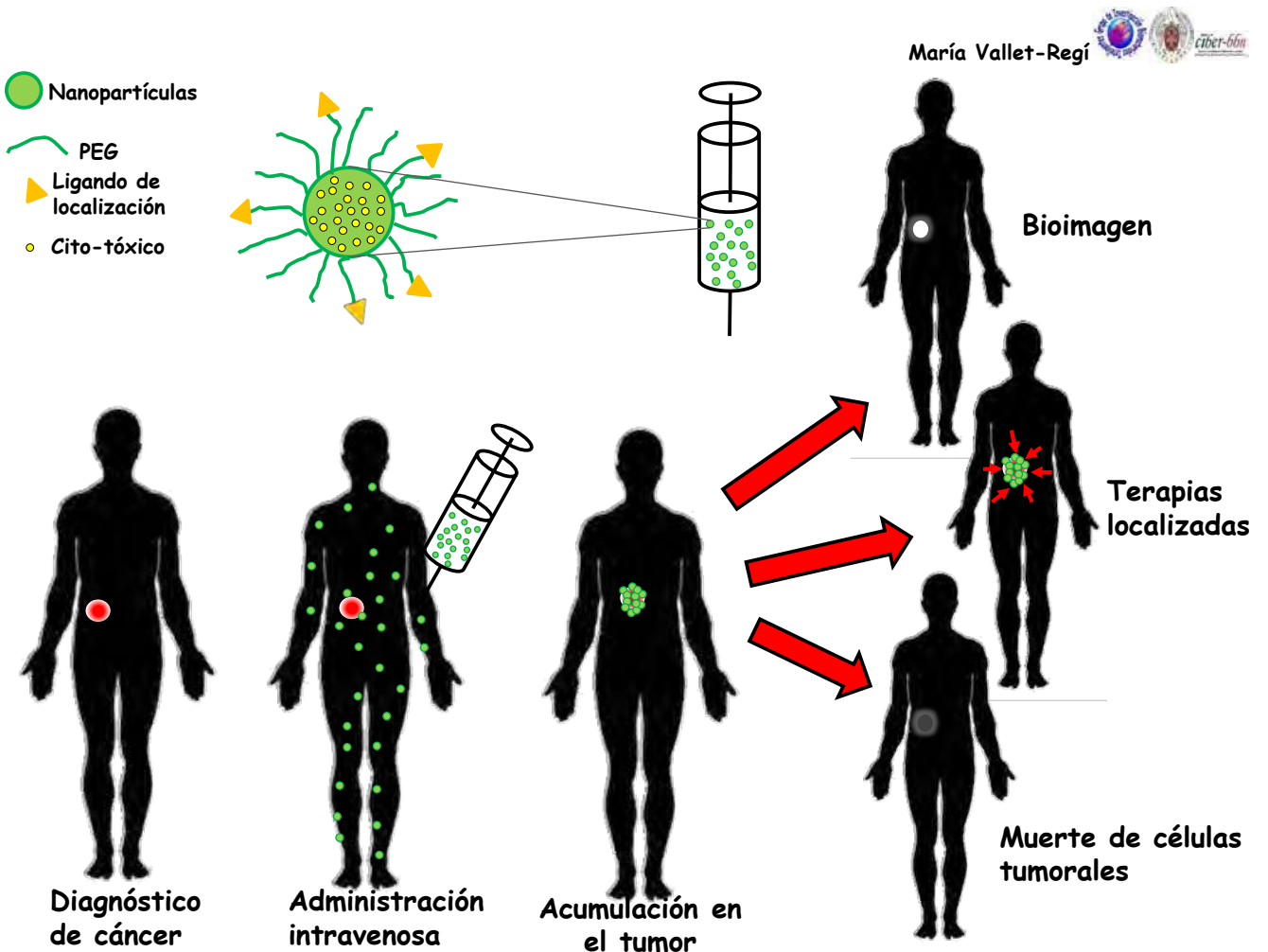
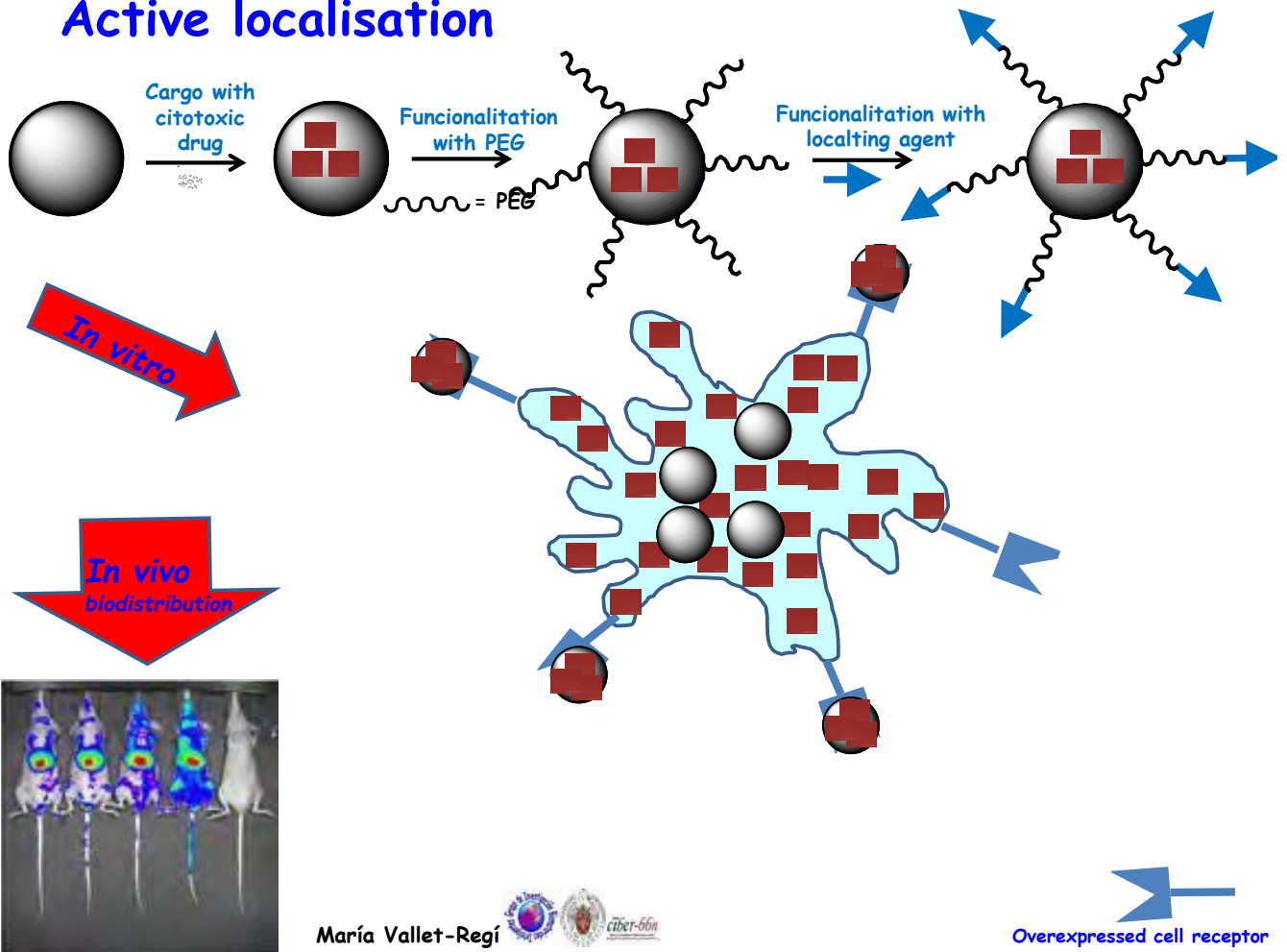
## Active targeting Tumoral cell

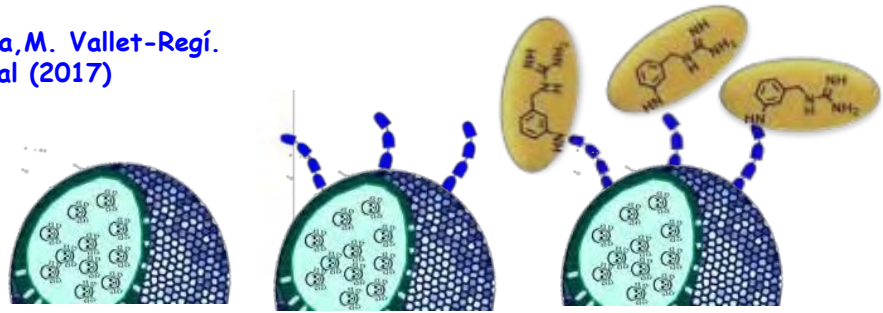
    
María Vallet-Regí



A. Baeza, M. Colilla, M. Vallet-Regí  
Expert Opin Drug Deliver 2015, 12, 319.

# Active localisation



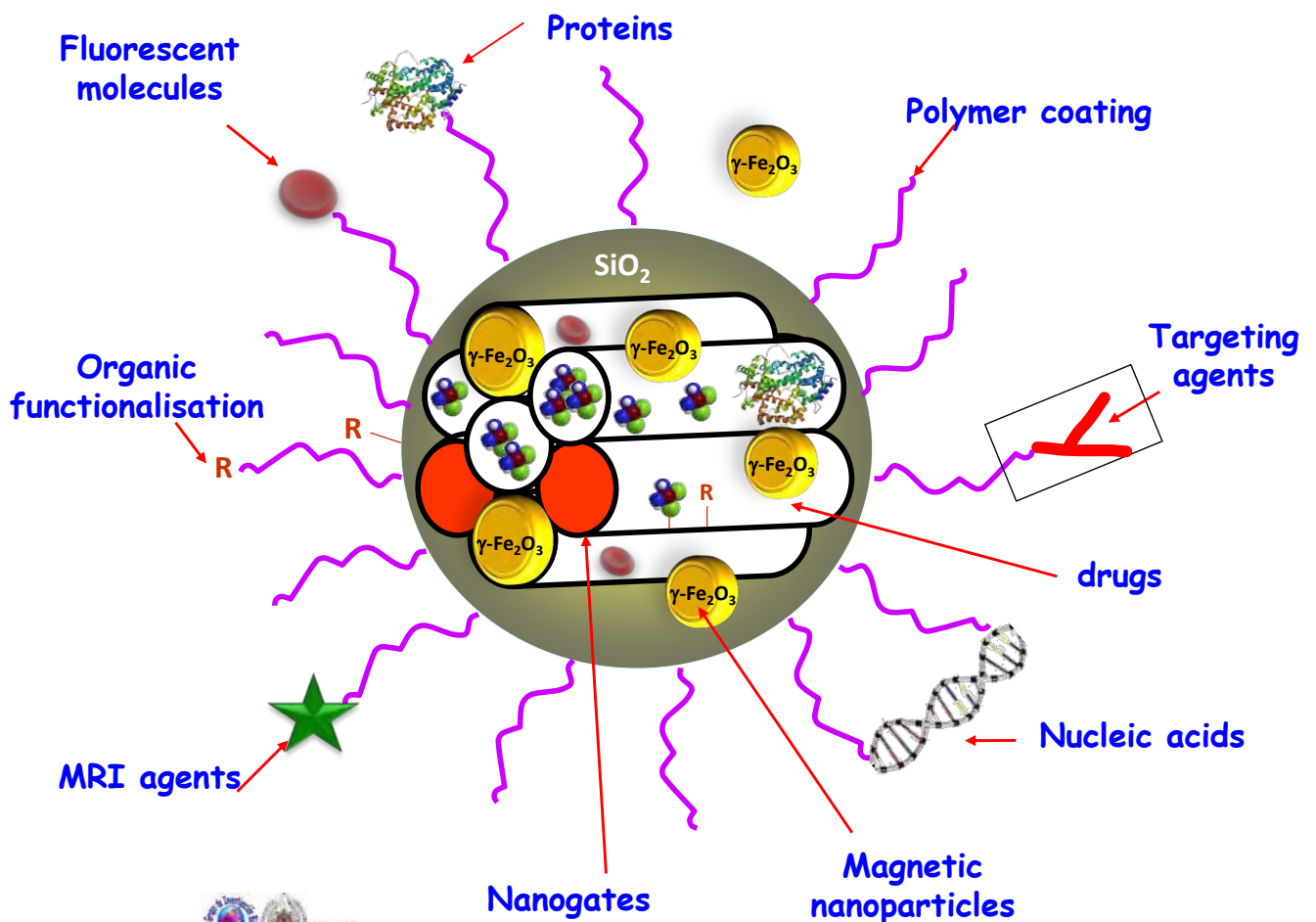
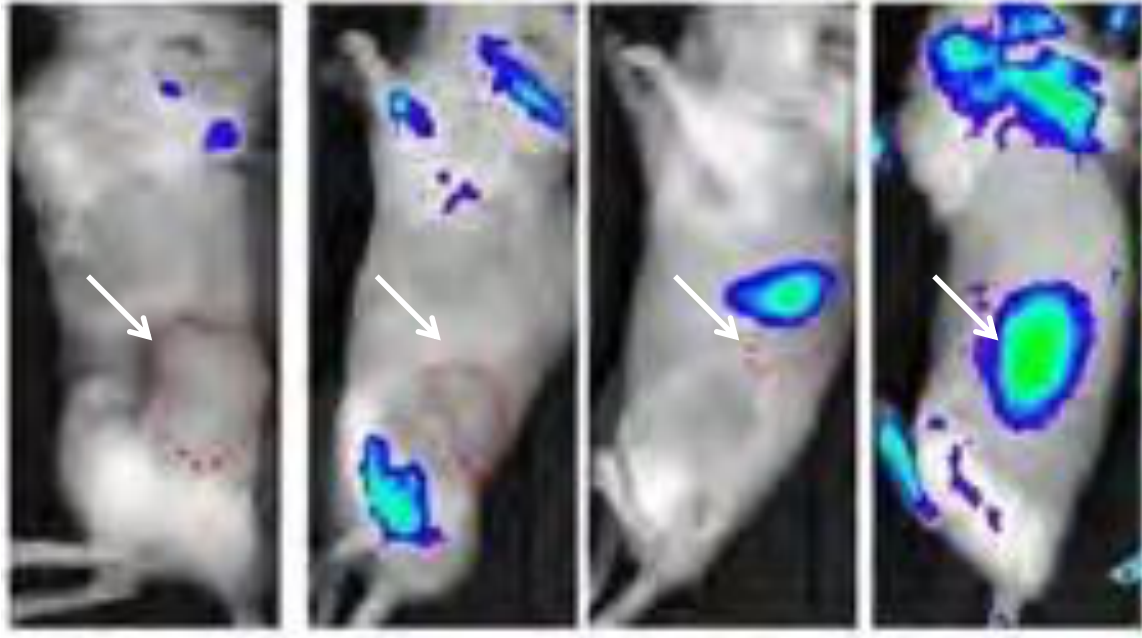


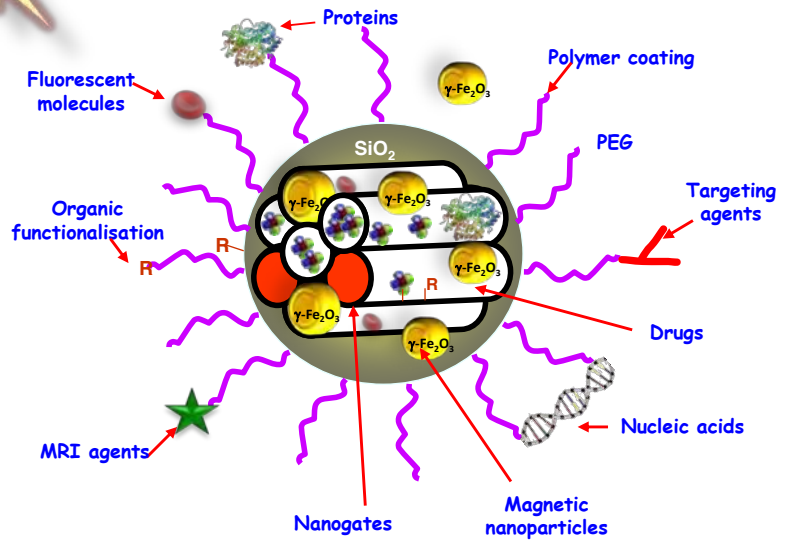
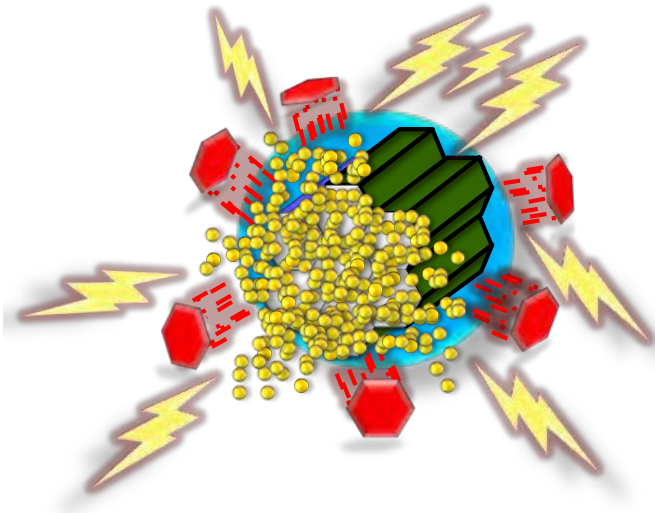
Control

Naked MSN

PEG-MSN

PEG-MABG-MSN





**Osteoporosis**



**Cancer**



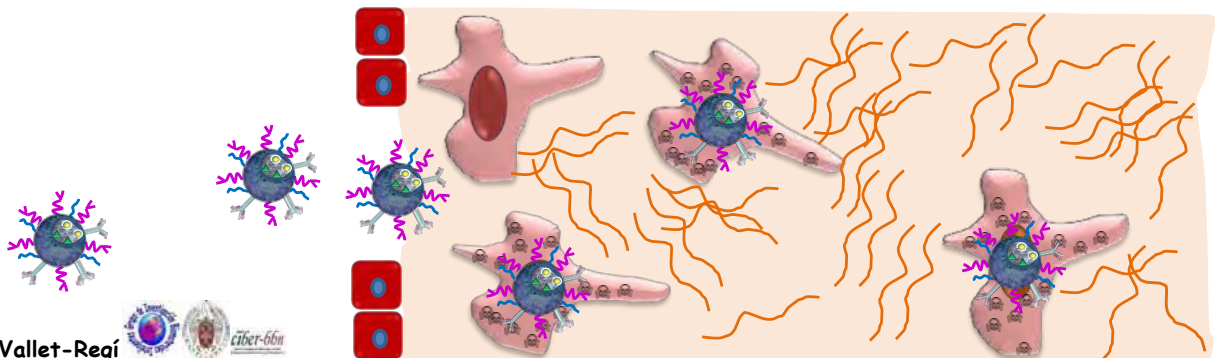
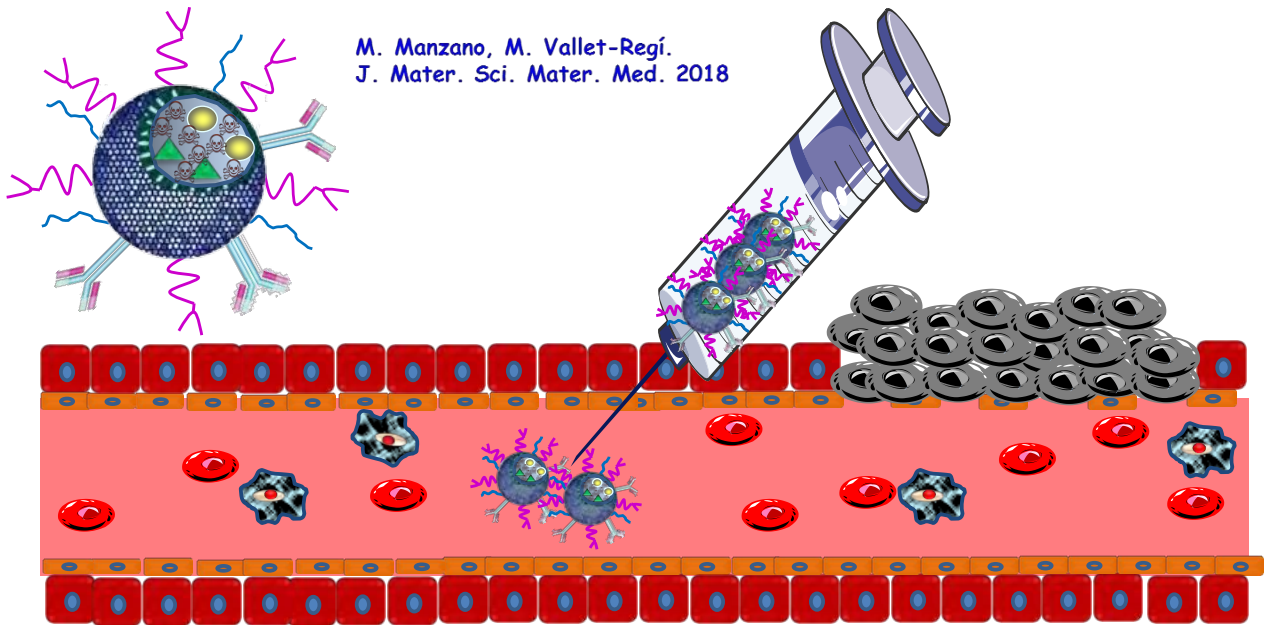
**Ancient patient**

**Infection**





M. Manzano, M. Vallet-Regí.  
J. Mater. Sci. Mater. Med. 2018



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[www.ucm.es/valletregigroup](http://www.ucm.es/valletregigroup)

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