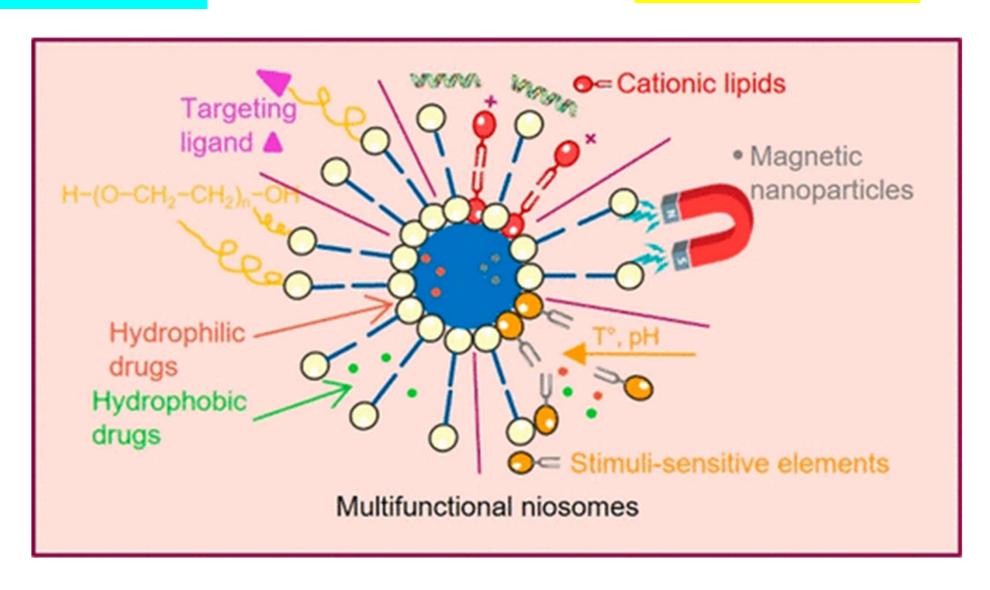


TARGETED DELIVERY

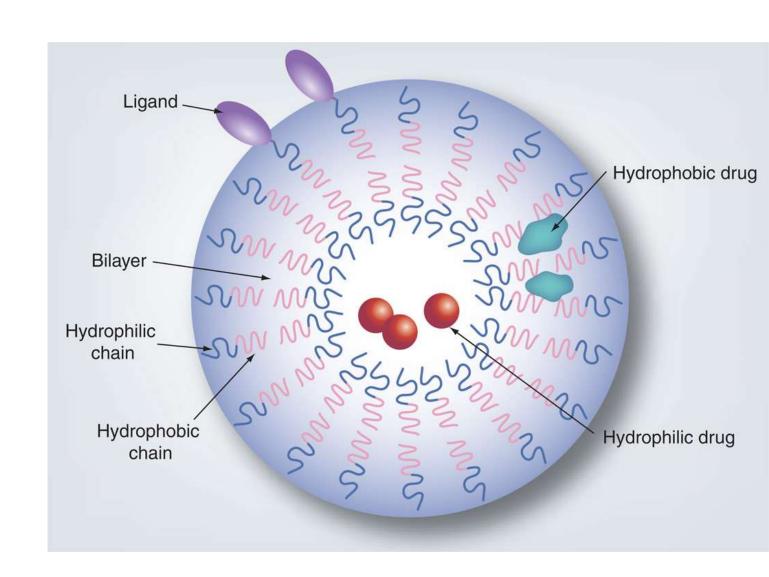


THERIOSOME PLATFORM

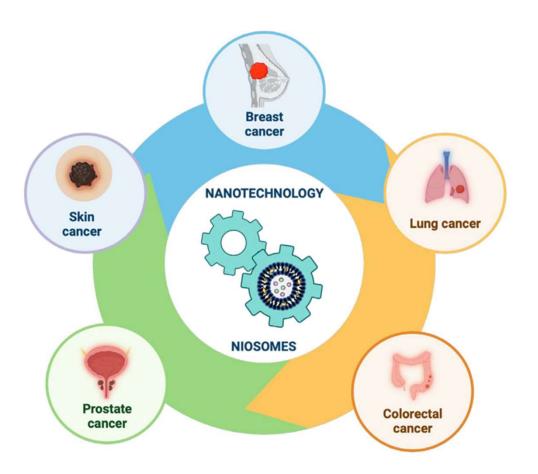
Size 50 to 60 nm

Pharmaceutical grade excipients

+ GRAS components



NANOMEDicine Platform



THERIOSOME

ANY THERAPEUTIC application

ANY ADMINISTRATION ROUTE

IT: intra-tumoral

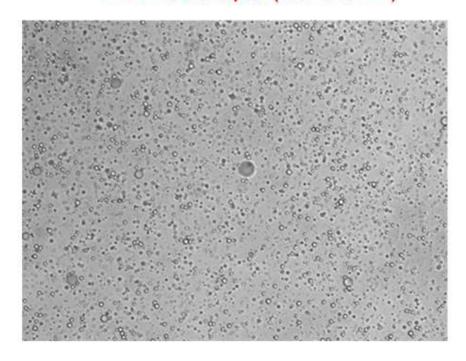
IV: intra-venous

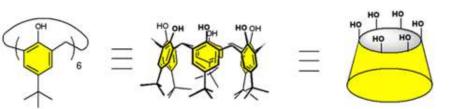
IP: intra-peritoneal

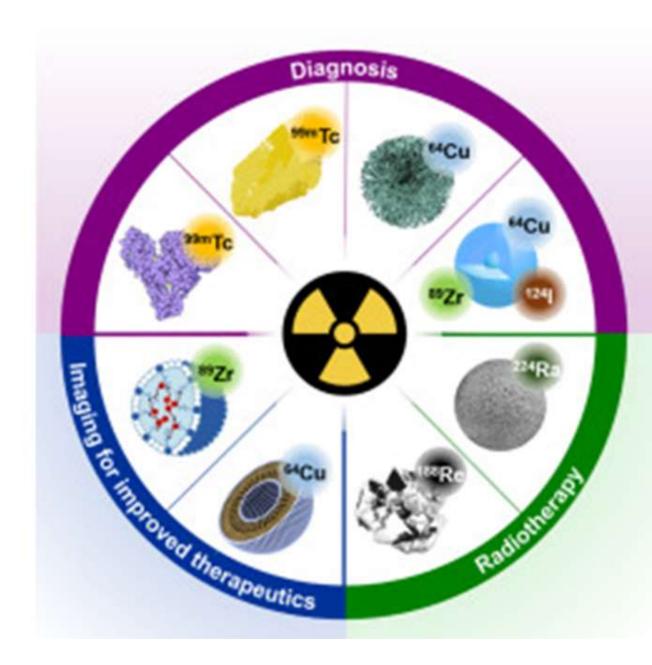
Oral/enteral

Other routes: nasal, sublingual, transdermal, rectal, vaginal, pulmonary...

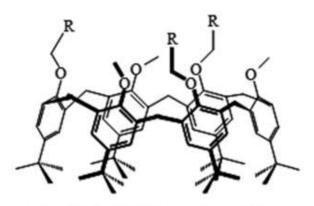
NANO-drops (50-60nm)







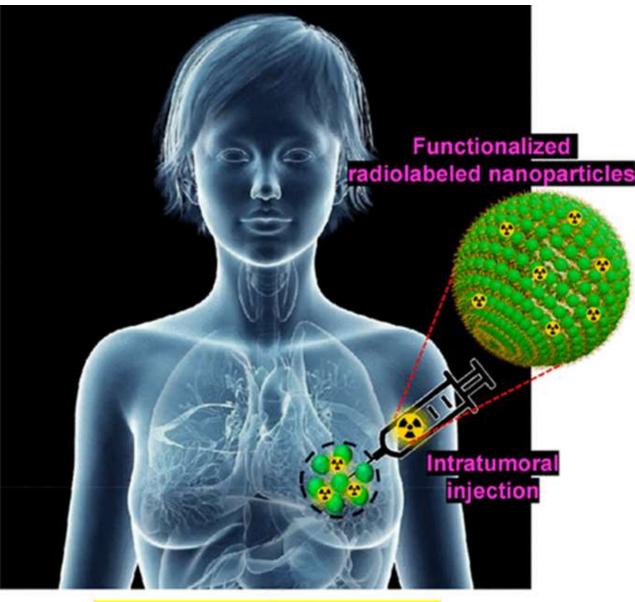
Calix[6]arene



1,3,5-OCH₃-2,4,6-OCH₃R-p-terfoutylcalix[6] arene R = CONHOH (LH₃) or R = COOH (L'H₃)

Properties of LH3

- Hydroxamic chelating functions (CONHOH) of LH₃ are supposed to present a very high affinity towards Pu(IV) [1]
- LH₃ has a very good affinity towards uranyl ion thanks to the geometry of the cavity and the chelating groups nature [2]
 - ⇒LH₃ is supposed to be a promising molecule to extract Pu and U



Nanoscale brachytherapy

