Abstract

Nanostructures, methods of preparing and uses thereof

The present invention provides a core-shell nanostructure comprising:

a hydrophobic polymeric core; and

a hydrophobic polymeric shell on the core,

wherein the shell comprises at least one binding site for binding at least one target agent. In particular, the nanostructure has a red-blood cell morphology.

The present invention also provides a method for preparing the nanostructure and uses of the nanostructure.

Fig. 1