

An Antimicrobial Polynucleotide-Templated Metal Nanocluster

Abstract

There is provided a polynucleotide-templated metal nanocluster for use in therapy. There is also provided use of a polynucleotide-templated metal nanocluster in the manufacture of a medicament for prophylactically or therapeutically treating a microbial infection as well as a method of prophylactically or therapeutically treating a microbial infection comprising administering to a subject a polynucleotide-templated metal nanocluster. There is also provided an antimicrobial agent comprising a polynucleotide-templated metal nanocluster. In an embodiment, C20-templated silver nanoclusters are shown as effective antimicrobials against *Pseudomonas aeruginosa* and *Burkholderia cenocepacia*.

(No suitable figure)