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(54) Title: FUNCTIONALISED POLYPEPTIDES, NANOPARTICLES AND USES THEREOF

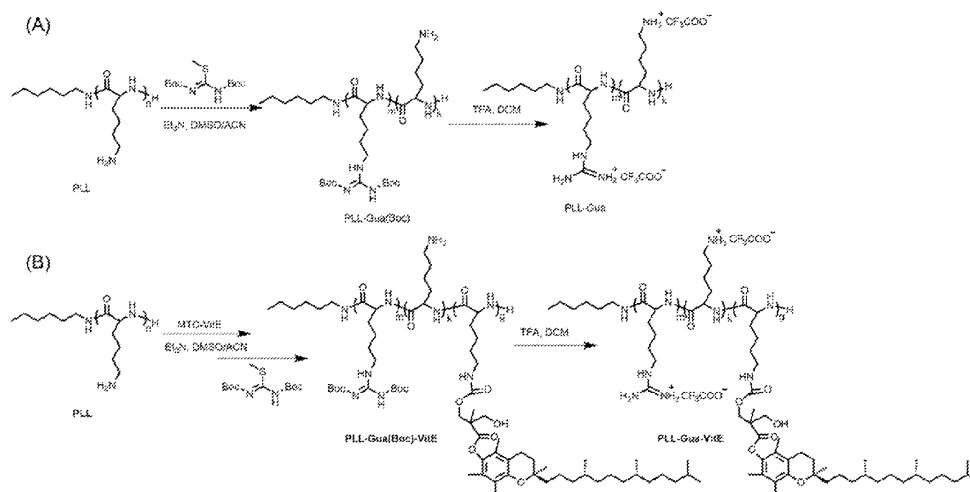


Figure 1

(57) Abstract: The present disclosure relates to functionalised polypeptides, nanoparticles and their 5 uses thereof. The functionalised polypeptide comprises polylysine functionalised with guanidinium moieties, wherein the polypeptide is about 50% to about 98% functionalised. The number of guanidinium functionalised lysine monomeric units is 5 to 100, and the number of lysine monomeric units is 1 to 50. The functionalised polypeptides and nanoparticles can be used for treating a microbial infection or for 10 treating cancer.

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