PATENT NO. 388712 FORMULATION COMPRISING METALLOCATANIONIC VESICLES ENCAPSULATING PHOTOSENSITIZER DYE

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APPLICANT Punjab University

ABSTRACT

The present disclosure relates to a formulation comprising metallocatanionic vesicles encapsulating photosensitizer dye. The metallocatanionic vesicles are prepared from metallocationic surfactants and anionic surfactants encapsulating photosensitizer dye. The formulation of the present disclosure is effective for the utilization in the photodynamic therapy against Gram-positive and Gram-negative bacteria.

INVENTOR

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CLAIM 1

A formulation comprising; metallocatanionic vesicles having a zeta potential ranging from -50 mV to 190 mV, comprising a cationic metallosurfactant and an anionic surfactant in a pre-determined molar ratio, and a photosensitizer dye encapsulated in said metallocatanionic vesicles.

