Supporting Information

Efficient photodynamic therapy against Gram-positive and Gram-negative bacteria using Rose Bengal encapsulated metallocatanionic vesicles in presence of visible light

Bunty Sharma, Vipul Thakur, Gurpreet Kaur* and Ganga Ram Chaudhary*

Department of Chemistry and Centre of Advanced Studies in Chemistry, Panjab University, Chandigarh

*Corresponding authors: (Gurpreet Kaur and GR Chaudhary)

Tel.: +91-9872800434, +91-2534431

E-mail address: gurpreet14@pu.ac.in

grc22@pu.ac.in

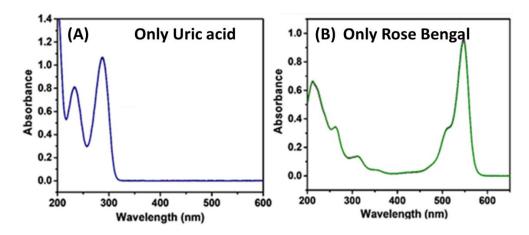


Figure S1. Light irradiation (for 12 min) effect on (A) only Uric Acid (UA), (B) Rose Bengal (RB) absorbance.

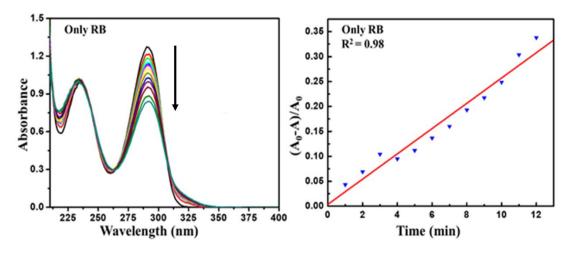


Figure S2. Graph of UA quenching with only irradiation of UA with only RB solution

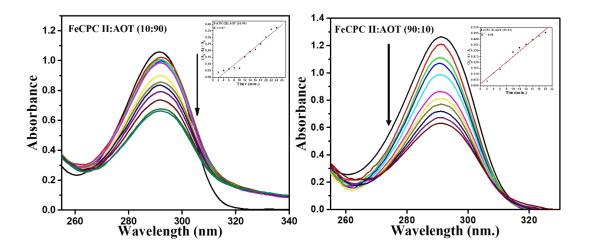


Figure S3. Spectral variation of Uric Acid (UA = $100 \mu M$) with a mixture of RB ($10 \mu M$) and FeCPCII:AOT ($100 \mu M$) fractions illumination with laser light in aqueous buffer solution.