

Supporting Information

TCPP/MgO-loaded PLGA microsphere combining photodynamic anti-bacteria with PBM-assisted fibroblast activation to treat periodontitis

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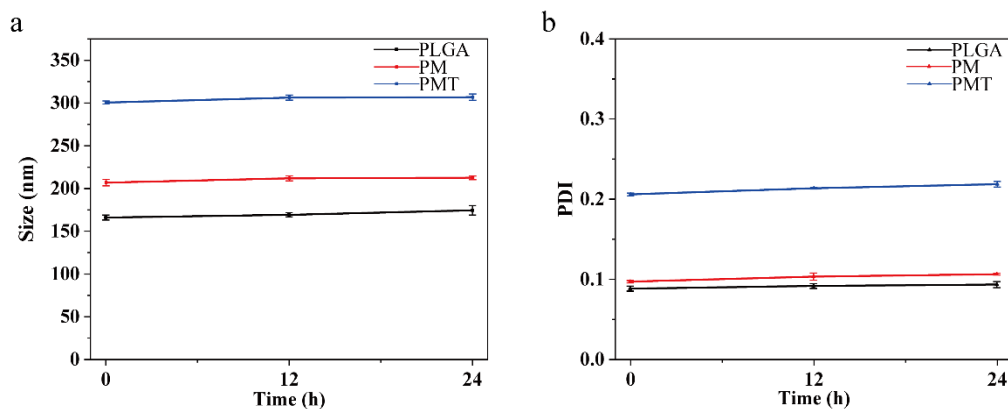


Fig. S1 Size (a) and PDI (b) of PLGA, PM and PMT microspheres determined during 24 h storage period in PBS (pH=7.4).

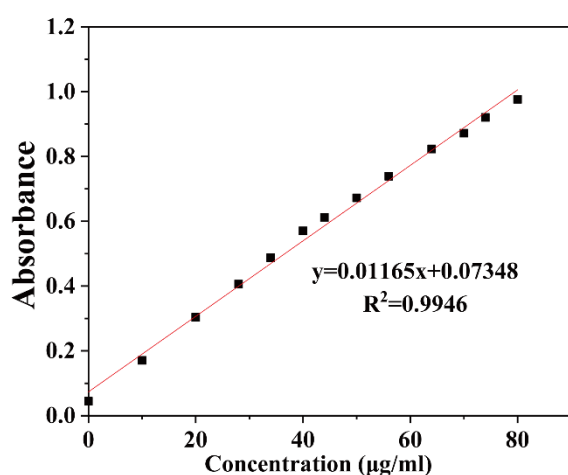


Fig. S2 The standard curve of TCPP in DMSO.

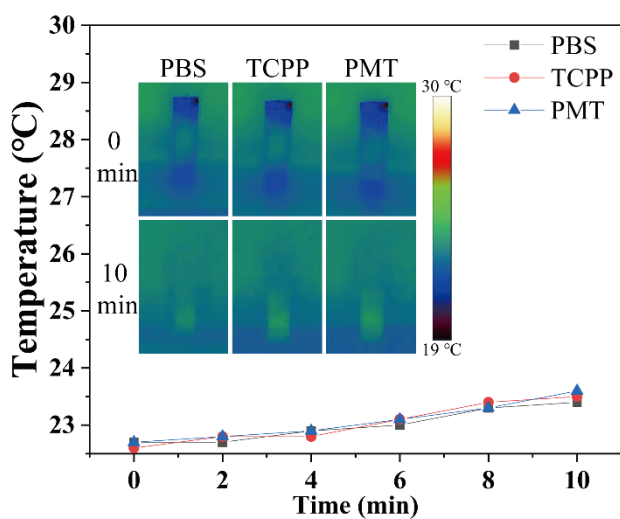


Fig. S3 Photothermal curves of different samples under laser irradiation for 10 min (75 mW cm⁻²).

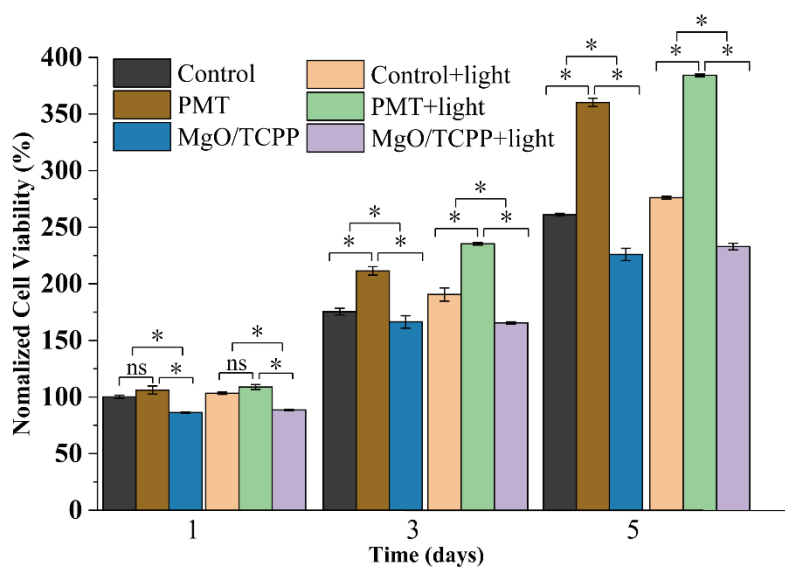


Fig. S4 Fibroblasts viability cultured with PMT and free MgO/TCPP with or without light. * indicates statistical significance $p < 0.05$, ns means no statistical difference.

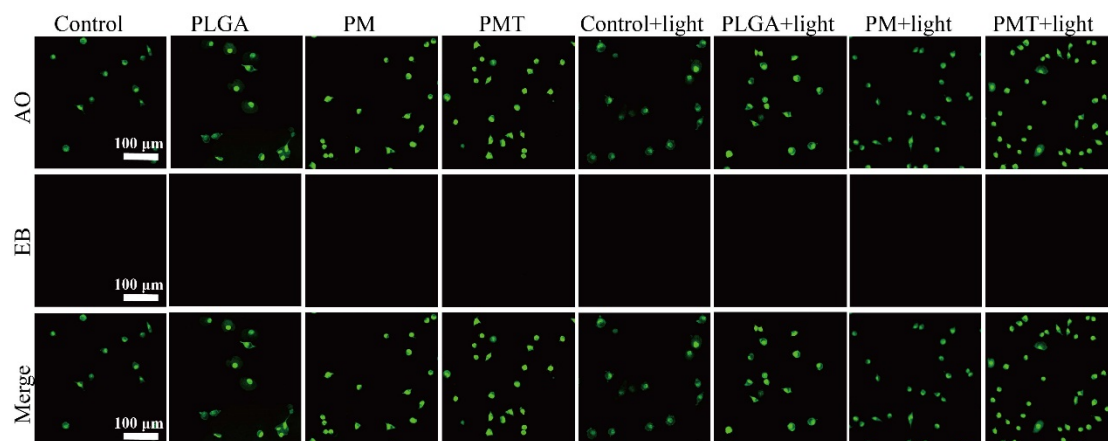


Fig. S5 AO/EB staining of cells cultured with different microspheres. Scale bar = 100 μm.