

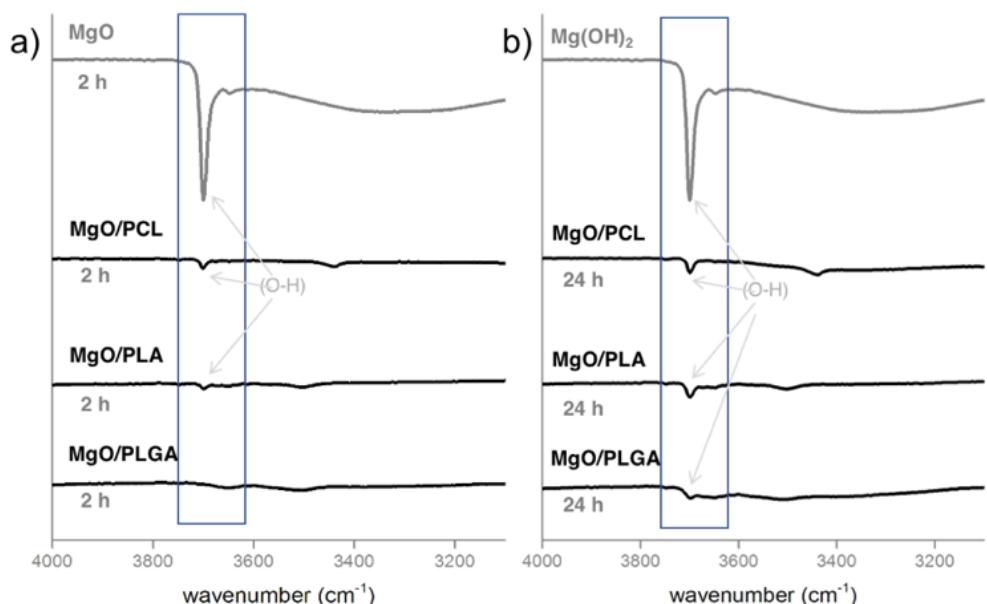
# Antimicrobial Polymeric Composites with Embedded Nanotextured Magnesium Oxide

## Supporting information

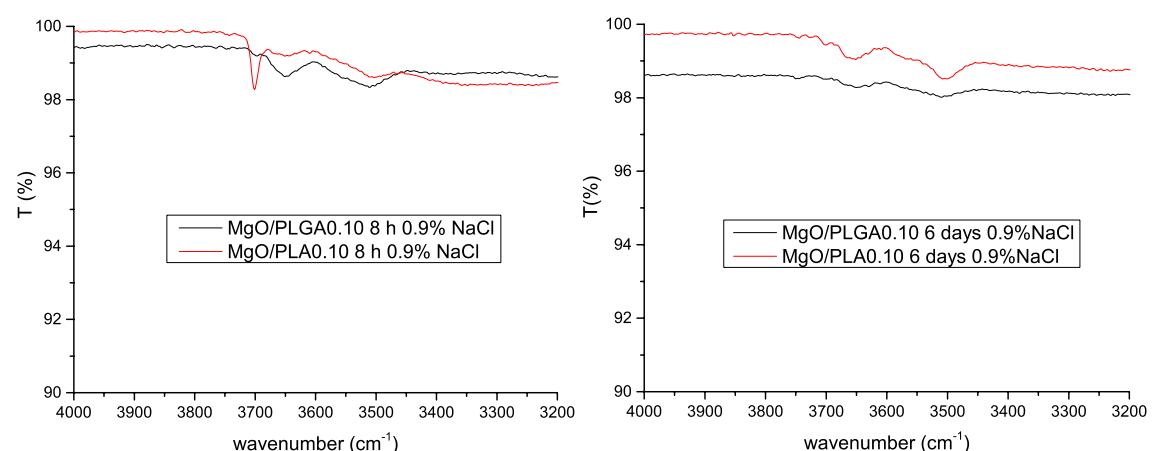
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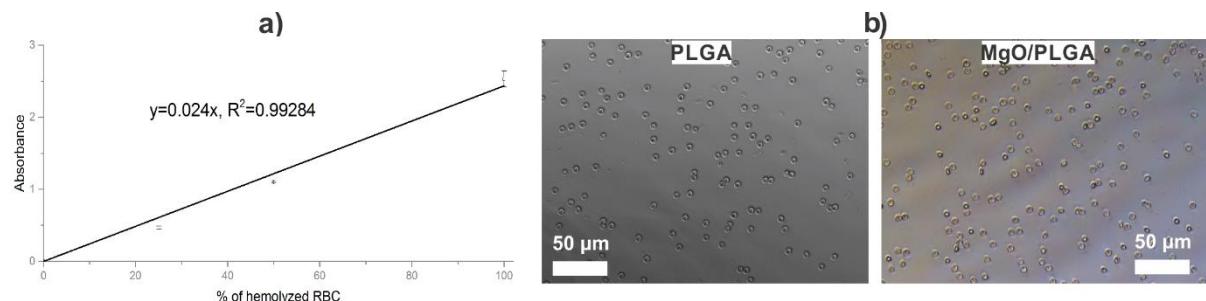


**Figure S1.** IR spectra of the MgO/polymer composites after a) 2-hour and b) 24-hour exposure to physiological solution.



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**Figure S2:** ATR IR spectra of MgO/PLGA0.10 and MgO/PLA0.10 composites after 8 h and 6 days in 0.9 % NaCl at 37 °C and linear shaking.



**Figure S3:** a) Calibration curve for haemolysis determination. b) RBCs on the PLGA and MgO/PLGA0.10 coatings as observed under optical microscope.