Electronic Supplementary Material (ESI) for RSC Advances.

Supporting information

Restore the osteogenic activity of bacterial debris contaminated titanium by doping of magnesium

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Figure S1. Cell proliferation of the human mesenchymal stem cells (hBMSCs) seeded on Ti with the presence of different concentration of LPS. **P<0.01.

Figure S2. Extracellular matrix mineralization after 14 days of culture with the presence of different concentration of LPS was determined by alizarin red staining. *P <0.05.

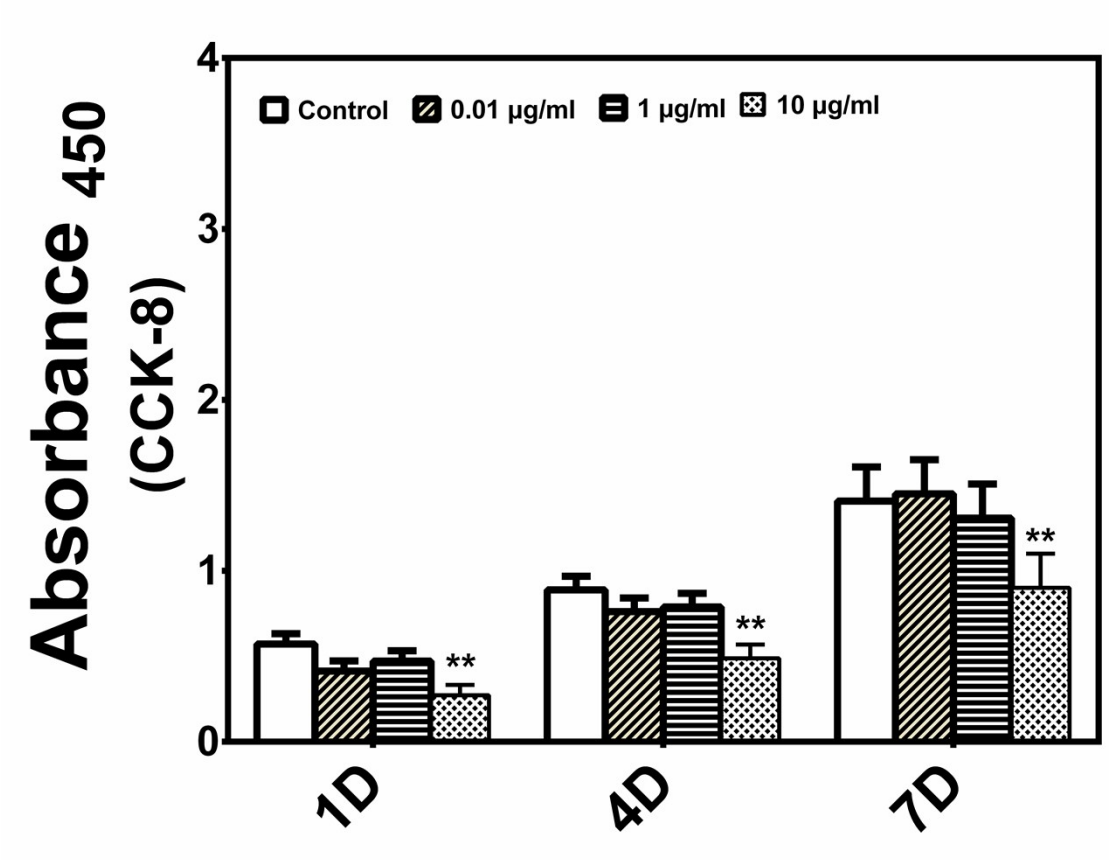
Absorbance 450
(CCK-8)
Control
0.01 μg/ml
1 μg/ml
10 μg/ml
4
3
2
1
0
**
**
**
1D
4D
7D

Figure S1

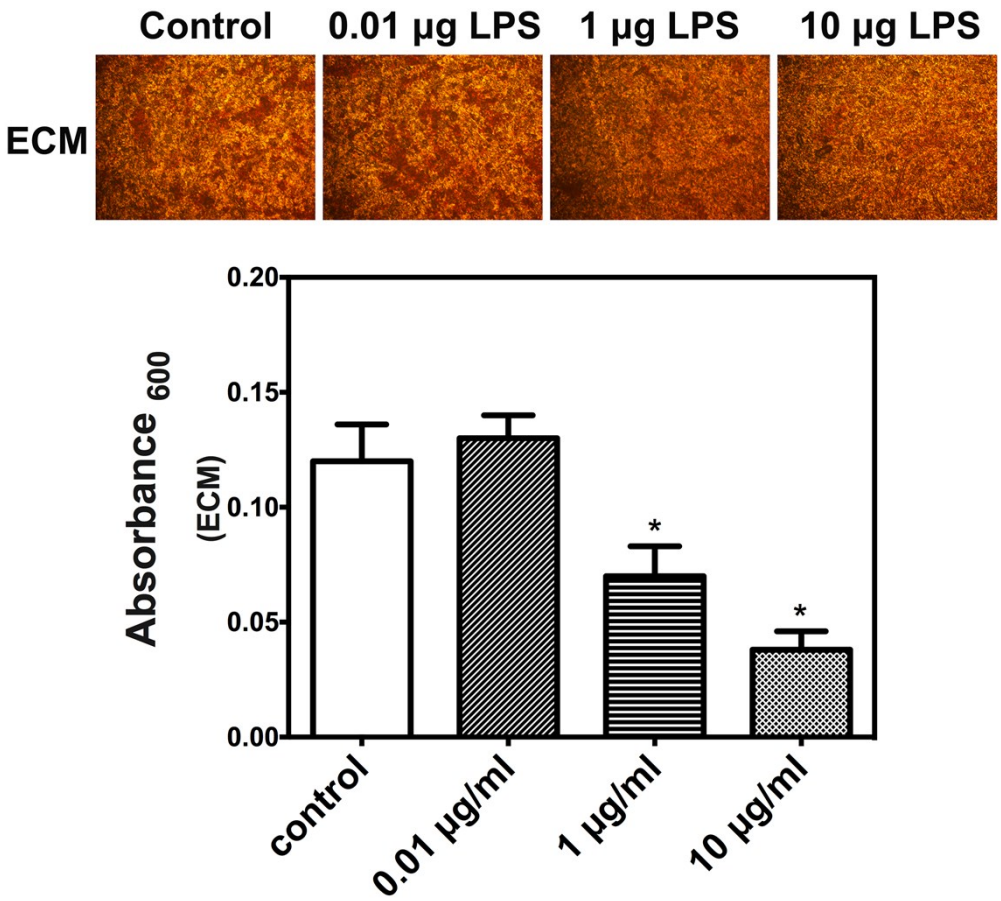
Control
0.01 μg LPS
1 μg LPS
10 μg LPS
ECM
Absorbance 600
(ECM)
0.20
0.15
0.10
0.05
0.00
*
*
control
0.01 μg/ml
1 μg/ml
10 μg/ml

Figure S2