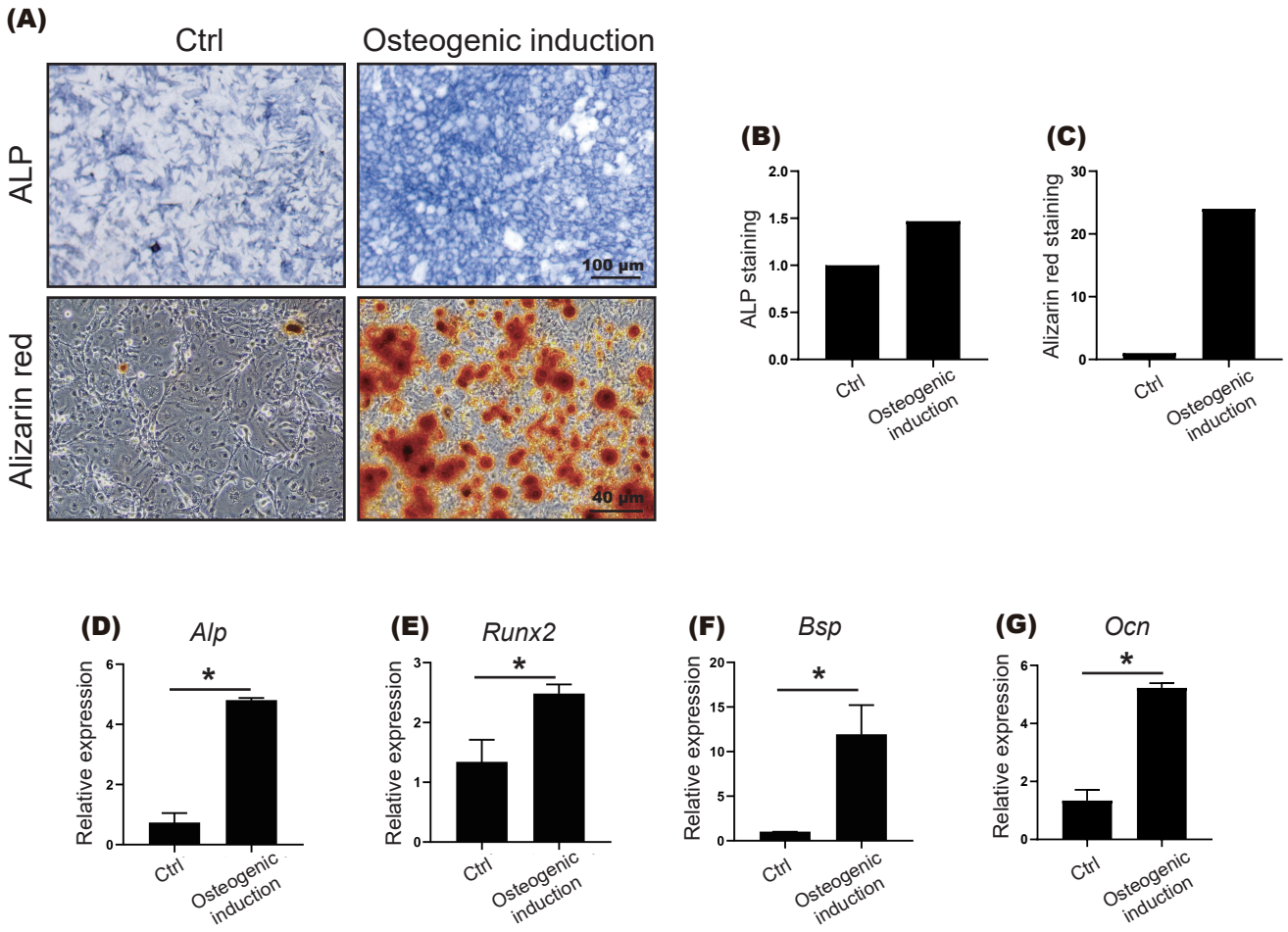
(A)
Ctrl
Osteogenic induction
ALP
Alizarin red
100 μm
40 μm
(B)
ALP staining
2.0
1.5
1.0
0.5
0.0
Ctrl
Osteogenic induction
(C)
Alizarin red staining
30
20
10
0
Ctrl
Osteogenic induction
(D)
Alp
Relative expression
6
4
2
0
*
Ctrl
Osteogenic induction
(E)
Runx2
Relative expression
3
2
1
0
*
Ctrl
Osteogenic induction
(F)
Bsp
Relative expression
20
15
10
5
0
*
Ctrl
Osteogenic induction
(G)
Ocn
Relative expression
6
4
2
0
*
Ctrl
Osteogenic induction