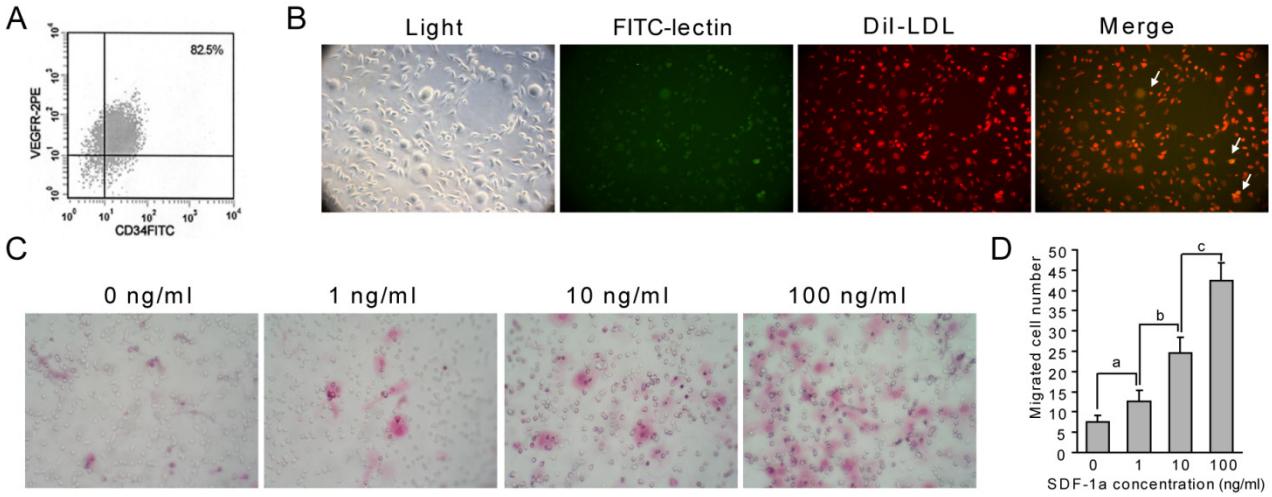


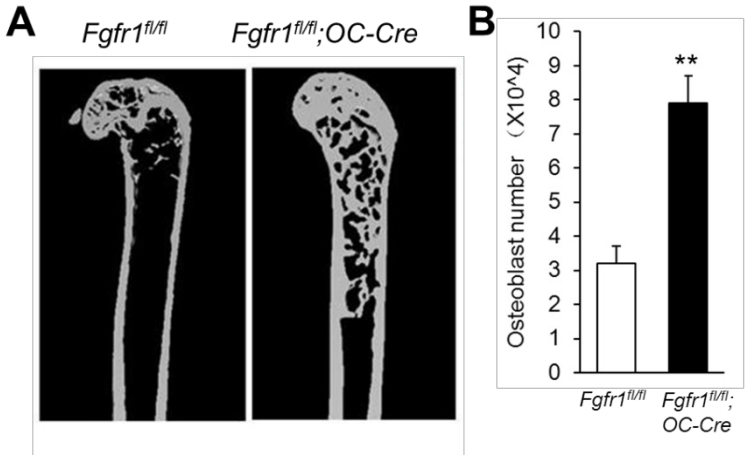


**Figure S1** *Fgfr1*$^{fl/fl}$*;OC-Cre* mice exhibited increased bone mass and osteoblast numbers. (A) Micro CT analysis showed that the bone mass in *Fgfr1*$^{fl/fl}$*;OC-Cre* mice was significantly increased. (B) Osteoblast proliferation assay indicated that the number of *Fgfr1*$^{fl/fl}$*;OC-Cre* osteoblast was markedly increased after cultured for 3 days. Graph shows mean value ± SD. (Student's t-test, $^{**}p<0.01$).

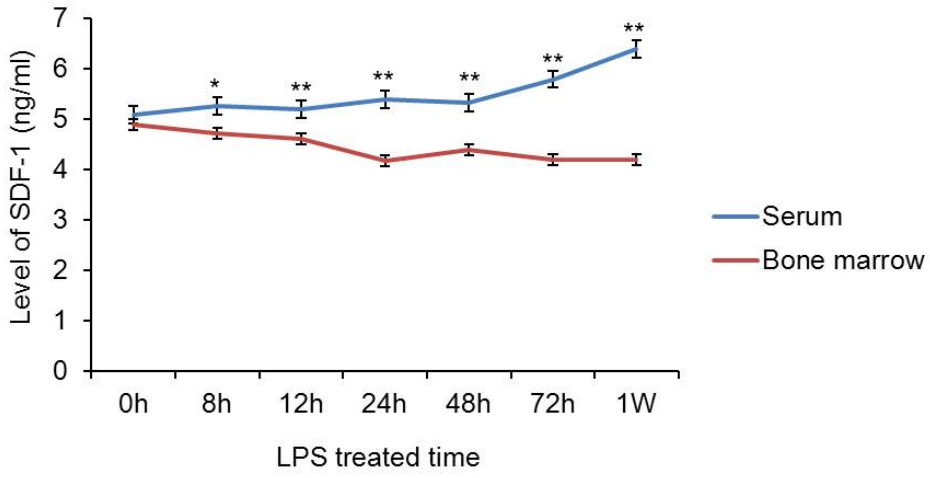


**Figure S2** SDF-1 levels in serum and bone marrow of *Fgfr1*$^{fl/fl}$*;OC-Cre* mice after LPS treatment. The level of SDF-1 in serum was higher than that in bone marrow. Graph shows mean value ± SD. (Student's t-test, **p* <0.05, ***p*<0.01)

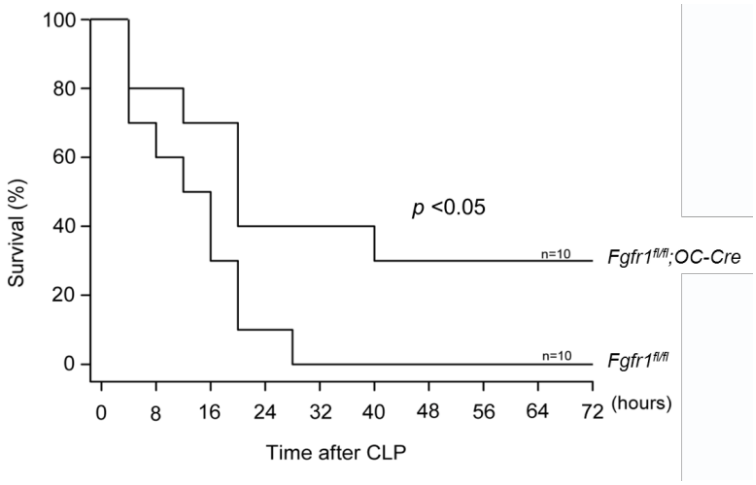


**Figure S3** Septic mouse model generated by cecal ligation puncture (CLP) was used to analyze survival rate of *Fgfr1*$^{fl/fl}$ and *Fgfr1*$^{fl/fl}$*;OC-Cre* mice. Survival rate of septic *Fgfr1*$^{fl/fl}$ mice after CLP is increased (n=10).