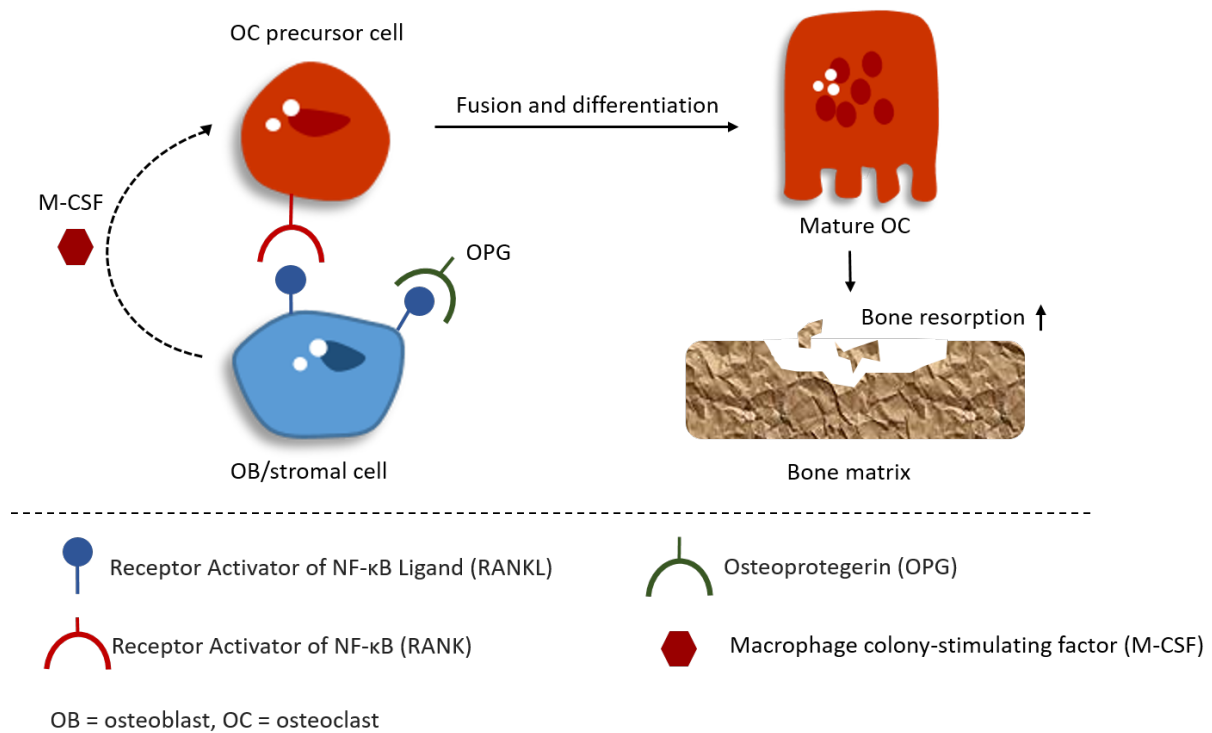


Title: Osteoclast differentiation is modulated by molecules from osteoblasts

Graphical Abstract:



Additional text to Graphical abstract (max. 100 words):

The osteoclastogenesis is modulated by several molecules and takes place in the bone niche. We detected that the maturation process is activated via RANKL-RANK binding and by M-CSF, which is released by OB. The differentiation is inhibited via blocking of RANKL by its decoy receptor OPG. In summary, osteoclast differentiation is controlled by molecules released by OB.