

Supplementary Materials

Strontium Ranelate Inhibits Osteoclastogenesis Through NF- κ B-Pathway-Dependent Autophagy

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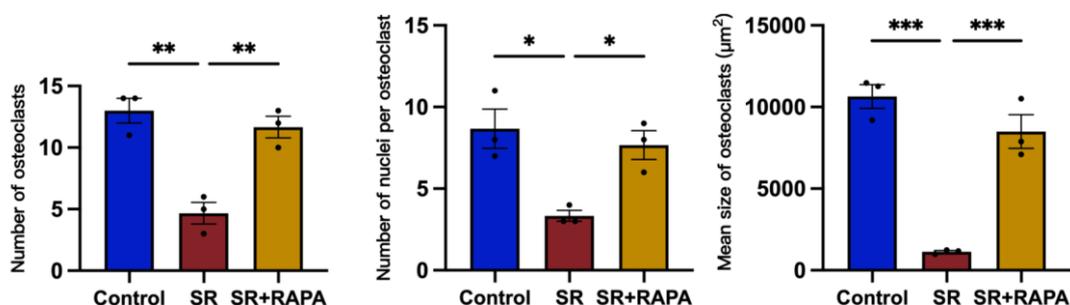


Figure S1. The number of osteoclasts, the number of nuclei per osteoclast, and the mean size of osteoclasts after pre-osteoclasts were treated for 5 days in the control group, the strontium ranelate (SR) group, and the SR+rapamycin (RAPA) group. (n = 3, mean \pm SD, *P < 0.05, **P < 0.01, ***P < 0.001).

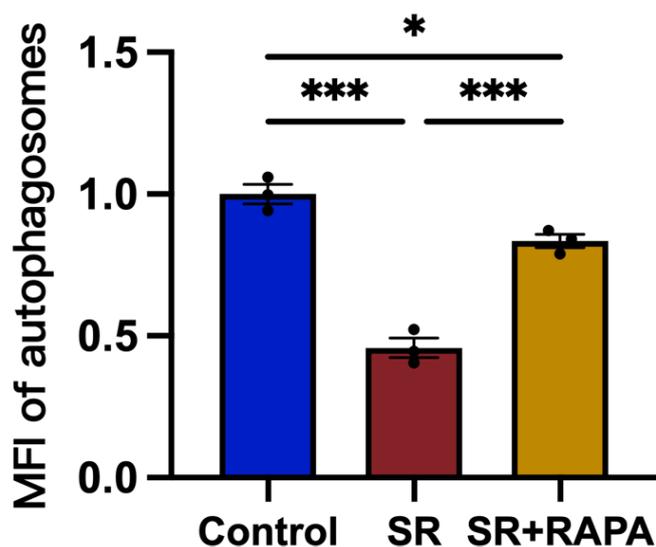


Figure S2. The mean fluorescence intensity (MFI) of autophagosomes after pre-osteoclasts received different treatments for 5 days. (n = 3, mean \pm SD, *P < 0.05, ***P < 0.001).

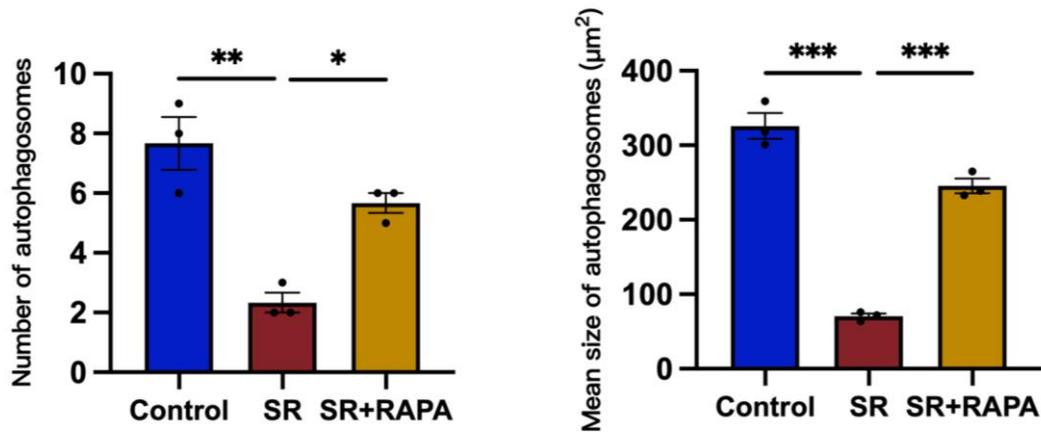


Figure S3. The number and mean size of autophagosomes after pre-osteoclasts received different treatments for 5 days. (n = 3, mean ± SD, *P < 0.05, **P < 0.01, ***P < 0.001).

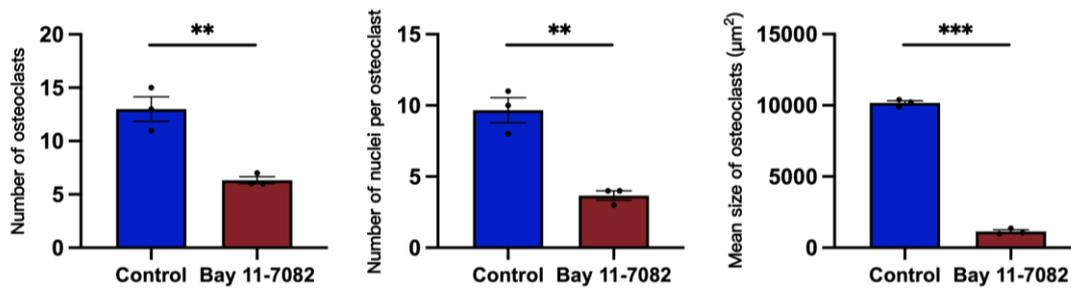


Figure S4. The number of osteoclasts, the number of nuclei per osteoclast, and the mean size of osteoclasts after pre-osteoclasts received different treatments for 5 days. (n = 3, mean ± SD, **P < 0.01, ***P < 0.001).

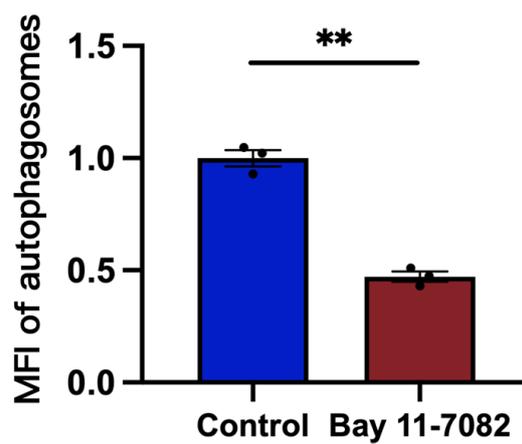


Figure S5. The mean fluorescence intensity (MFI) of autophagosomes after pre-osteoclasts received different treatments for 5 days. (n = 3, mean ± SD, *P < 0.05, ***P < 0.001).

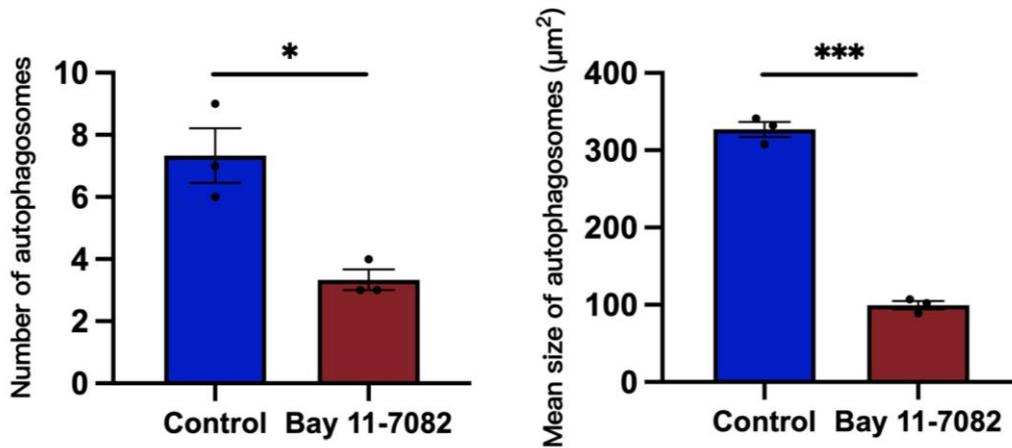


Figure S6. The number and mean size of autophagosomes after pre-osteoclasts received different treatments for 5 days. (n = 3, mean ± SD, *P < 0.05, ***P < 0.001).

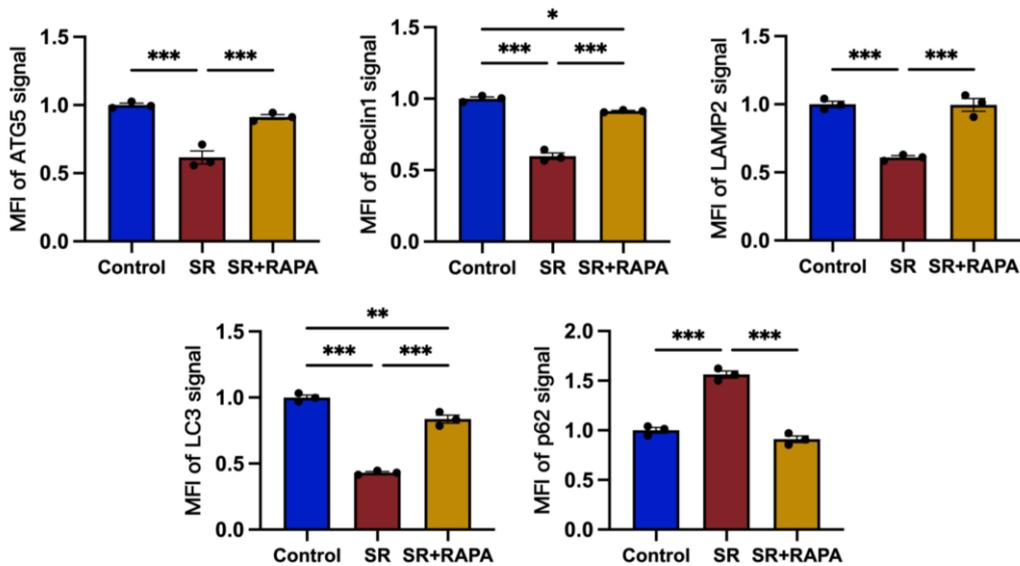


Figure S7. The mean fluorescence intensity (MFI) of ATG5, Beclin1, LAMP2, LC3, and p62 at the pressure side of the first molars on day 7 in different groups. (n = 5, mean ± SD, *P < 0.05, **P < 0.01, ***P < 0.001).