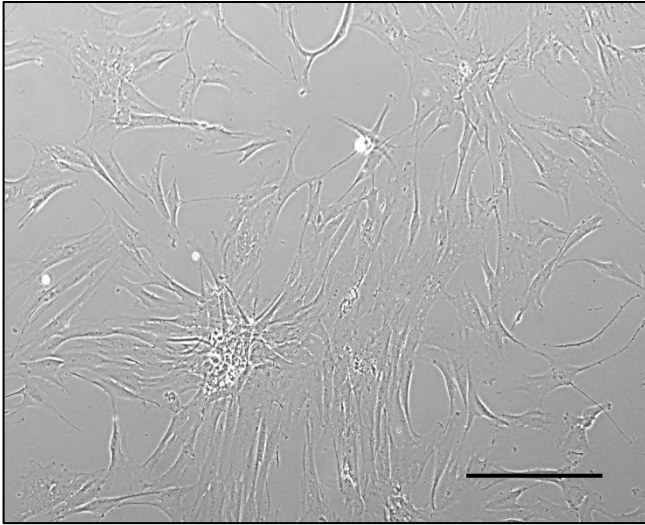
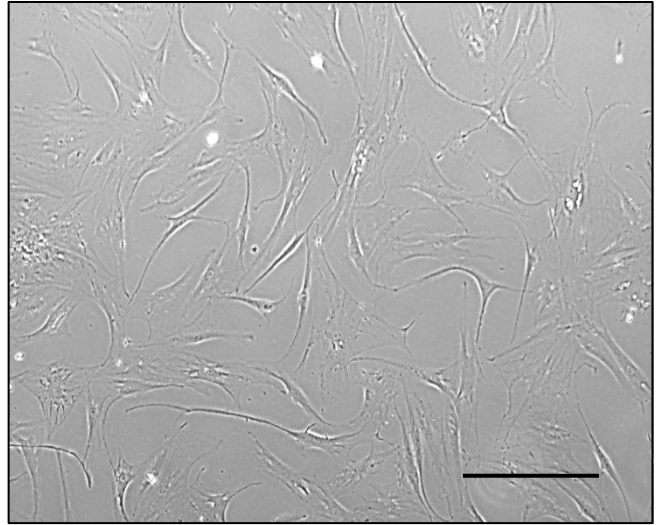


Supplement 1: Proliferation of patient-derived osteosarcoma cell lines after 3 days of selected treatment. The proliferation of the OSA-02 (A), OSA-03 (B), OSA-05 (C), OSA-08 (D), OSA-09 (E), and OSA-13 (F) cell lines was measured using the MTT assay on day 3 of incubation with various concentrations of calcitriol or calcidiol alone, 1 μ M ATRA alone or drug combinations. The values were compared with those in untreated cells, whose proliferation activity was set as 100%. The data represent the mean \pm SD. The results were analyzed using one-way ANOVA followed by the Scheffé post hoc test. The proliferation of cells treated with calcitriol or calcidiol alone was compared to the proliferation of untreated control cells: * $P < 0.05$, ** $P < 0.001$. The proliferation of cells treated with a combination of drugs was compared to the proliferation of cells treated with ATRA alone: $\Delta < 0.05$, $\Delta\Delta < 0.001$. Experiments were performed in biological triplicates.

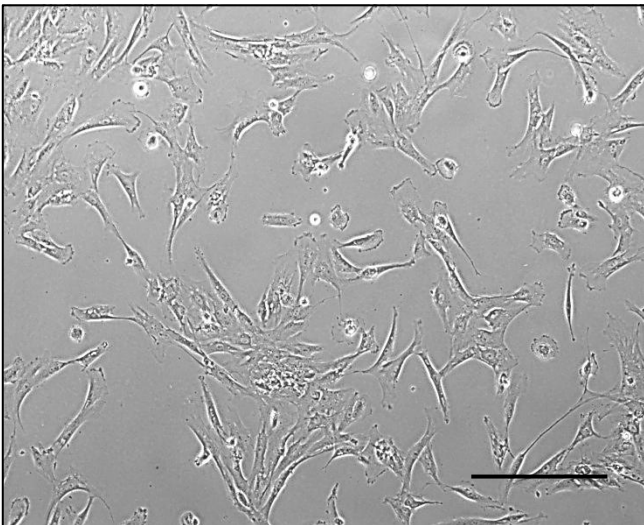
OSA-02



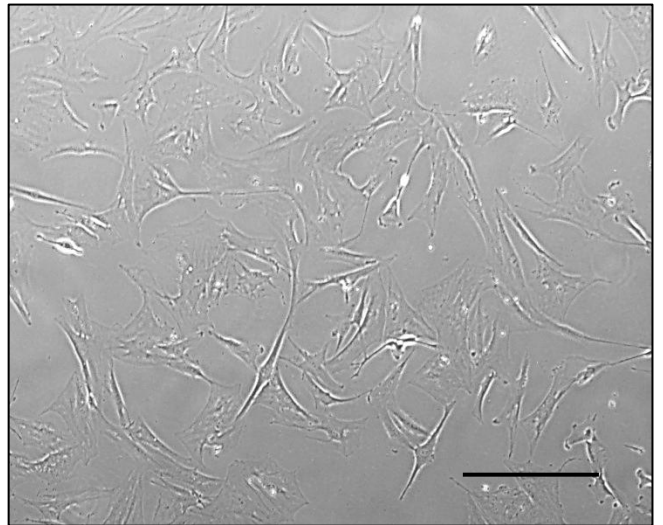
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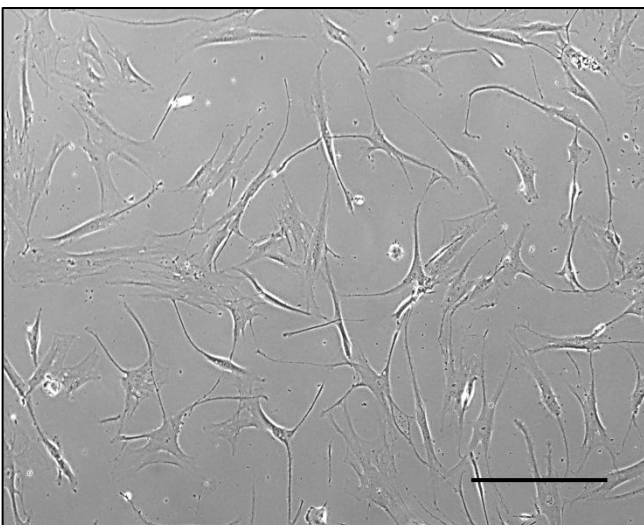
OSA-05



OSA-08



OSA-09



OSA-13

