# Physiological cyclic hydrostatic pressure induces osteogenic lineage commitment of human bone marrow stem cells: a systematic study

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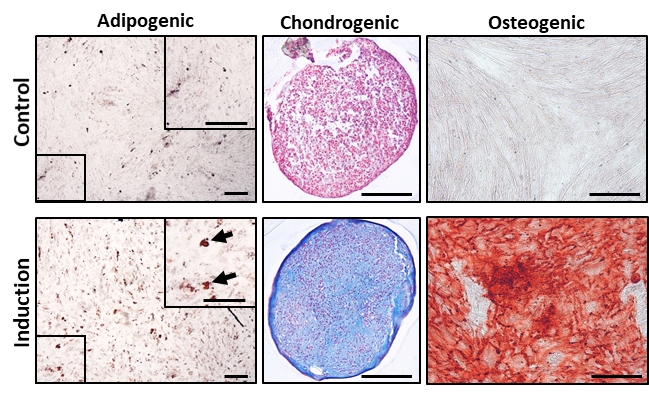
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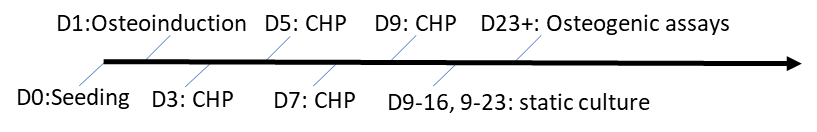
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**Figure S1** Validation of trilineage potential of hBMSCs for adipogenesis (Oil red O, A), chondrogenesis (Alician Blue, B) and osteogenesis (Alizarin Red S, C) after 21 days in culture. Zoomed in images point to triglyceride accumulation in adipogenic conditions. Scale bar=200 µm



**Figure S2** Schematic of long term pressure mechanical stimulation regime.