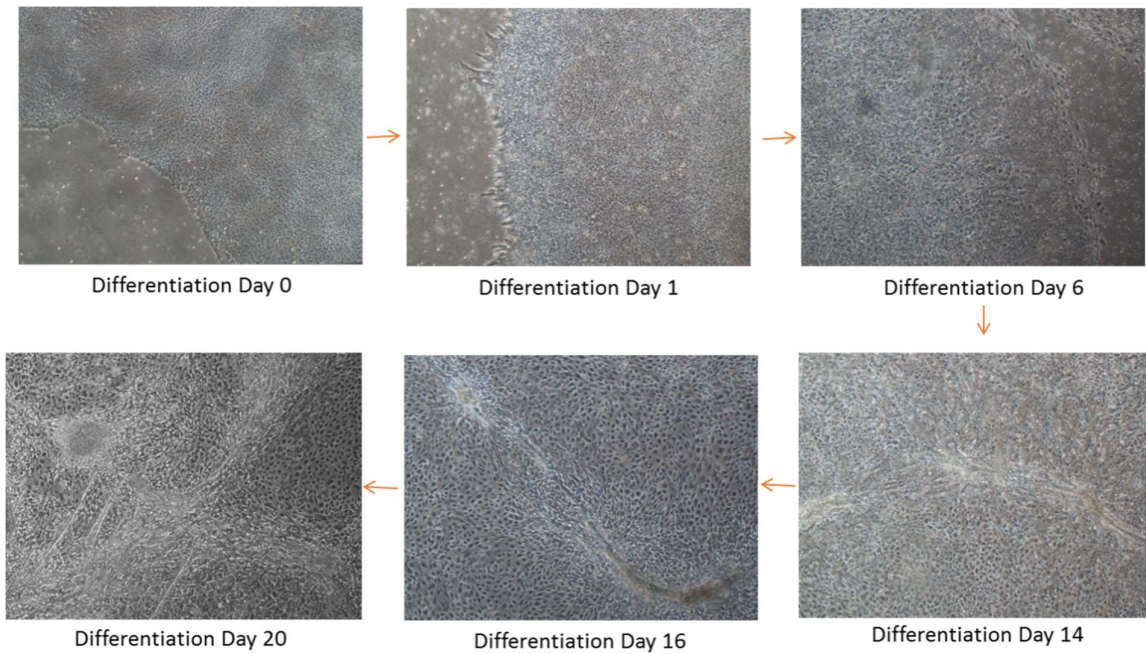


Additional File 1



Morphological changes in HES3 cells as they undergo directed differentiation into the cardiac lineage. Bright field images of HES3 hES cells during their directed differentiation into cardiac lineage. Differentiation results in distinct morphological changes leading to increased compaction among the cells as differentiation proceeds from day 0 to day 20. Similar changes were observed when KIND1 cells were differentiated into cardiac cells as described earlier (Pursani et al, 2017). Magnification 10X