## SUPPORTING INFORMATION

## Nanogrooved microdiscs for bottom-up modulation of osteogenic

## differentiation

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Figure S1. SEM image of topography of the used optical media substrate (CD).



**Figure S2**. Schematic representation of the potential of topodiscs as injectable cell-carriers for bone regeneration upon fracture due to their adaptability to multi-shaped defects. Right: topodisc-cell aggregates acquire the shape of 2D patterned regions with circular, hexagonal, and squared geometries. Scale bars correspond to 200 μm.