SUPPLEMENTARY FIGURES

Non-destructive characterisation of mesenchymal stem cell differentiation using LC-MS-based metabolite footprinting

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Supplementary Figure 1: Timeline of the experiment and sample collection after 5 (D5), 10 (D10) and 15 (D15) days of treatment.



Supplementary Figure 2: Typical total ion count (TIC) chromatograms of a standard control spent medium. (A) ESI negative mode, (B) ESI positive mode



Supplementary Figure 3: Typical total ion count (TIC) chromatograms of an OS-treatment spent medium. (A) ESI negative mode, (B) ESI positive mode.



Supplementary Figure 4: Heatmap showing fold changes based on individual intensities of 195 metabolites which were increased in MSC-conditioned medium compared to fresh medium (blank) (n=6). Colours of blue (low) to yellow and red (high) represent increasing levels of metabolites.