

### 3D spheroids derived from human lipedema ASCs demonstrated similar adipogenic differentiation potential and ECM remodeling to non-lipedema ASCs *in vitro*

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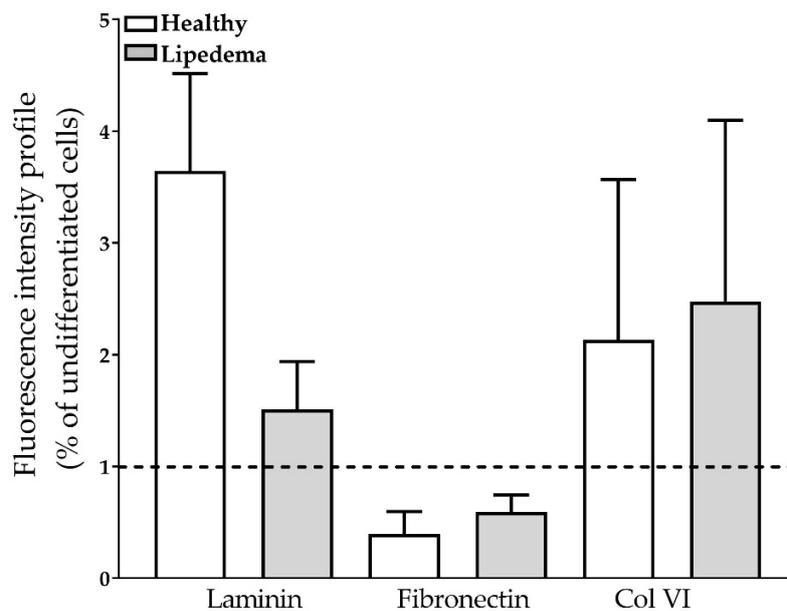
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#### Supplementary data

##### 1. Expression levels of ECM components in 3D differentiated spheroids



**Figure S1:** Characterization of ECM components of ASC spheroids. The quantitative analysis of the fluorescence intensity of ECM staining revealed no difference between healthy and lipedema in 3D differentiated spheroids (n=3 per group; average of 4 fields/sample). The dotted line represents the expression level normalized to that of the undifferentiated spheroids. Data are shown as mean  $\pm$  SEM.