Kühnemundt et al.:

Modular Micro-Physiological Human Tumor/Tissue Models Based on Decellularized Tissue for Improved Preclinical Testing

Supplementary Data

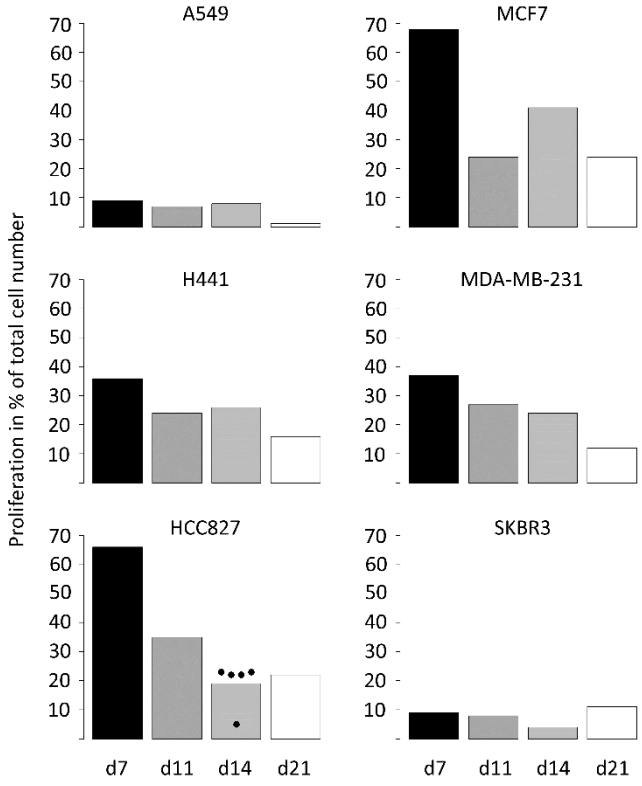

Fig. S1: Proliferation indices (% of Ki-67-positive cells of total cell number) determined for different cell lines after 7, 11, 14 and 21 days of 3D cell culture on the matrix SISmuc under static culture conditions
Bars: mean values of n = 1. Dots: n = 6 for day 14 of HCC827 cells. Black: 7 days. Dark grey: 11 days. Light grey: 14 days. White: 21 days.

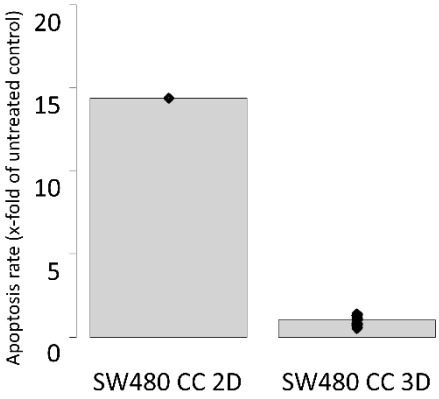

Fig. S2: Apoptosis rates of SW480 cells co-cultured (CC) with fibroblasts in 2D or in the 3D model on the SISmuc
n = 2 for SW480 CC 2D; n = 6 for SW480 CC 3D.

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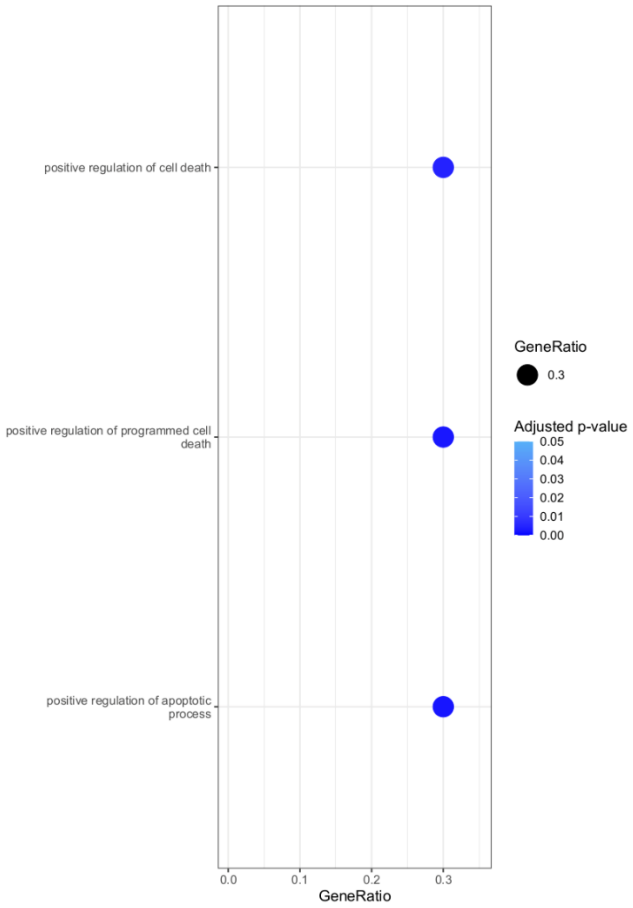

Fig. S3: Pathway enrichment with bubble plots for pathways upregulated in 3D compared to 2D

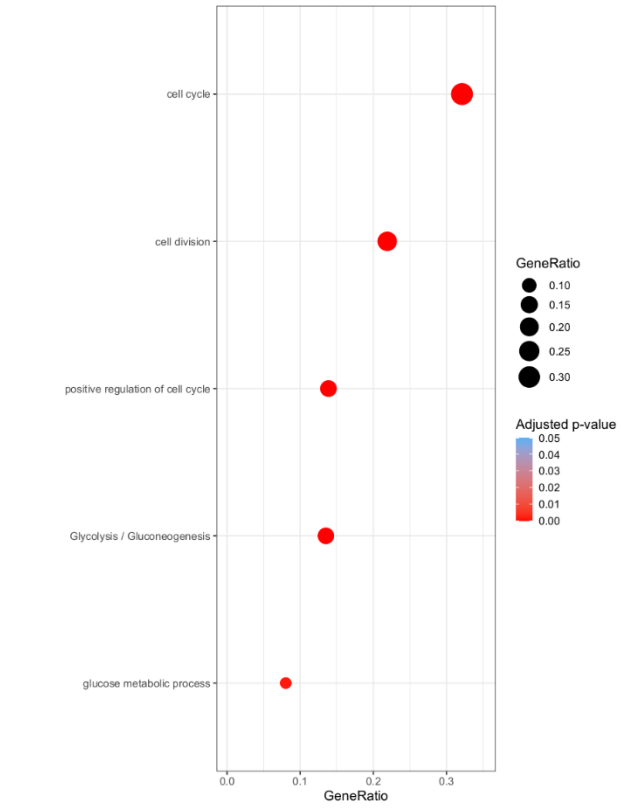

Fig. S4: Pathway enrichment with bubble plots for pathways downregulated in 3D compared to 2D