



Supplementary Figure 1: Treatment with fatty acids (PAOA) increases neutral fat content in 3D multilineage spheroids. (A) Intracellular neutral lipid content visualized by ORO staining in sections (8 μm) of 3D spheroids HepG2/LX-2 ratio 24:1 treated, after 48 hours from the seeding with BSA 1%, a mix of palmitic acid and oleic acid (PAOA) 500 μM (1:2), TGF- β 10 ng/mL or PDGF 10 ng/mL for 48 hours. Cell nuclei were stained with DAPI. **(B)** Quantification of intracellular ORO-stained area quantified by ImageJ software (n=4). P-value was calculated by Mann-Whitney non-parametric test, (* $p < 0.05$ vs BSA 1%). BSA: bovine serum albumin; PAOA: palmitic acid/oleic acid; TGF- β : Transforming growth factor β ; PDGF: Platelet-derived growth factor; ORO: oil red O staining.