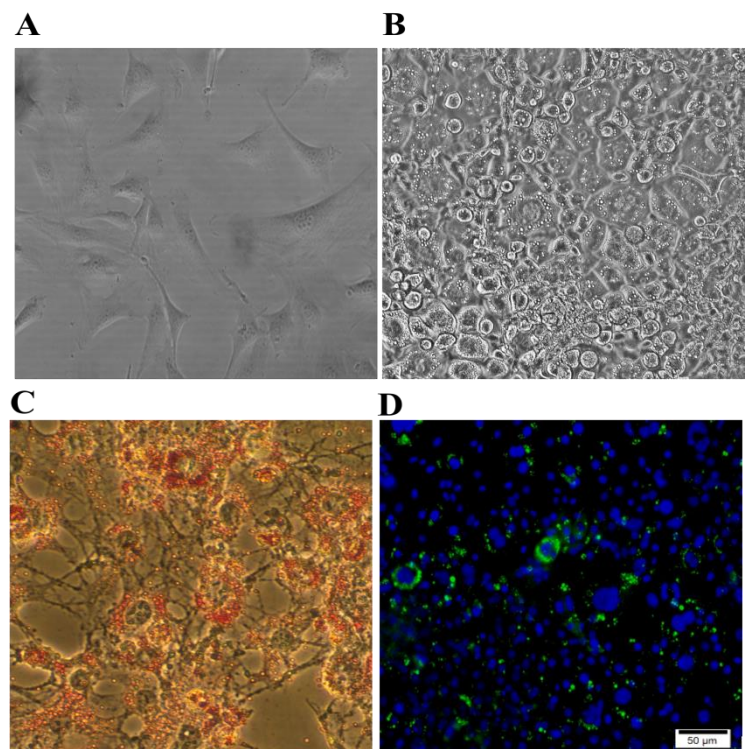


Supplementary Figure S1. Adipogenic differentiation of the 3T3-L1 cell line



(A) Pre-adipocytes. Magnification 200× (B) Pre-adipocytes differentiated into adipocytes. Magnification 200×(C) Pre-adipocytes differentiated into adipocytes stained with OR. Magnification 200×. (D) Pre-adipocytes differentiated into adipocytes stained with NR (green) and DAPI (blue). Scale bar: 50 μm.

Supplementary Table S1. Diameter of spheroids in control medium

Diameter (μm)			
	Day 4	Day 7	Day 11
3	142.6 ± 3.04 ***	130.6 ± 6.04 ***	120.2 ± 5.91 ***
N	163.5 ± 9.85 *** γ	158.5 ± 3.11 *** γ	159.1 ± 6.60 *** γ
3:J	159.7 ± 4.85 *** β	192.6 ± 13.86 γ ε	187.2 ± 9.28 γ δ
3:N	153.6 ± 7.87 ***	145.5 ± 9.72 ***	138.2 ± 10.07 *** φ
3:J:N	185.2 ± 6.65	184.9 ± 12.14	200.6 ± 21.66

Data expressed as mean ± standard deviation, n = 3. One-way ANOVA statistical analysis followed by Bonferroni post-test. *** (p <0.001) in relation to model 3: J: N on days 4, 7 and 11; γ (p <0.001) in relation to model 3 on days 4, 7 and 11; β (p <0.01) in relation to model 3 on day 4; ε (0.001) in relation to model N and 3: N on day 7; δ (p <0.01) in relation to model N on day 11; φ (p <0.05) in relation to model N on day 11. Caption: 3 = 3T3-L1; N = NIH / 3T3; 3: J = 3T3-L1: J774; 3: N = 3T3-L1: NIH / 3T3; 3: J: N = 3T3-L1: J774: NIH / 3T

Supplementary Table S2. Diameter of spheroids in MDI medium

	Diameter (μm)		
	Day 4	Day 7	Day 11
3	141.2 \pm 6.00 ***	193.4 \pm 6.42	183.8 \pm 6.89
N	162.9 \pm 3.37 *** γ	169.0 \pm 5.87 *** γ	170.2 \pm 9.45 ** α
3:J	160.9 \pm 9.89 *** γ	204.0 \pm 6.33 $\phi\phi\phi$	201.0 \pm 6.43 $\phi\phi\phi$ β
3:N	154.1 \pm 7.21 *** α	196.8 \pm 7.11 $\phi\phi\phi$	192.5 \pm 4.75 $\phi\phi\phi$
3:J:N	185.3 \pm 6.11	196.4 \pm 4.29	188.8 \pm 7.54

Data expressed as mean \pm standard deviation, n = 3. One-way ANOVA statistical analysis followed by Bonferroni post-test. *** (p < 0.001) in relation to model 3: J: N on days 4 and 7; γ (p < 0.001) in relation to model 3 on days 4 and 7; α (p < 0.05) in relation to model 3 on days 4 and 11; $\phi\phi\phi$ in relation to model N on days 7 and 11; ** (p < 0.01) in relation to model 3: J: N on day 11; β (p < 0.01) in relation to model 3 on day 11. Caption: 3 = 3T3-L1; N = NIH / 3T3; 3: J = 3T3-L1: J774; 3: N = 3T3-L1: NIH / 3T3; 3: J: N = 3T3-L1: J774: NIH / 3T3.