

Supplementary Information

Table S1. Summary of the extracellular and intracellular melanin amounts of B16F10 cells after a 3-day treatment with KW and CFS.

Group	Extracellular melanin ($\mu\text{g}/\text{mg}$ protein)	Intracellular melanin ($\mu\text{g}/\text{mg}$ protein)
Ctrl	960.02 \pm 226.30	43.81 \pm 2.18
KA (500 μM)	298.83 \pm 17.93 [#]	29.86 \pm 3.23
KW (10 μM)	1272.92 \pm 40.00	50.97 \pm 2.56
KW (20 μM)	835.21 \pm 85.26 ^a	58.35 \pm 11.99
KW (30 μM)	377.19 \pm 22.95 ^{ab}	53.55 \pm 7.70
CFS (10 μM)	1412.51 \pm 111.11	53.82 \pm 7.11
CFS (20 μM)	1310.42 \pm 164.89	58.99 \pm 5.85
CFS (30 μM)	746.65 \pm 77.54 [*]	55.84 \pm 2.85

Values are mean \pm SD; * $p < 0.05$; ** $p < 0.01$, and # $p < 0.0001$ vs. Ctrl; value indicated with lowercase letters a and b represent significant differences from CFS 20 μM ($p < 0.05$) and CFS 30 μM ($p < 0.01$), respectively. Analysis done using one-way ANOVA with Tukey's test.

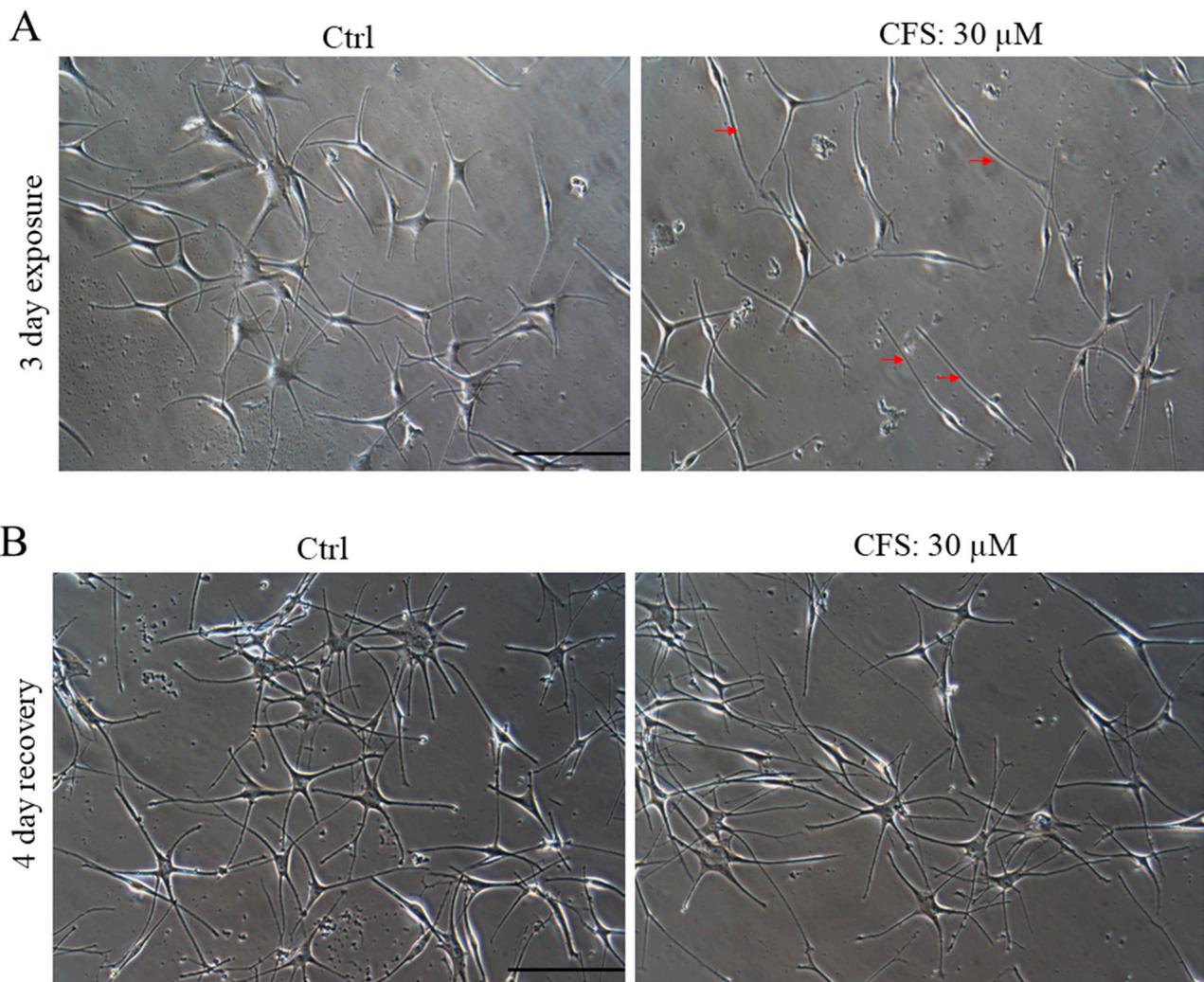


Figure S1: Microscopic images of HEMn-DP cells taken after a (A) 3-day exposure with CFS (30 μM) and after a (B) 4-day recovery period with culture in CFS-free medium.