

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 ± 226.30	43.81 ± 2.18
KA (500 μM)	$298.83 \pm 17.93^\#$	29.86 ± 3.23
KW (10 μM)	1272.92 ± 40.00	50.97 ± 2.56
KW (20 μM)	$835.21 \pm 85.26^{*a}$	58.35 ± 11.99
KW (30 μM)	$377.19 \pm 22.95^{*b}$	53.55 ± 7.70
CFS (10 μM)	1412.51 ± 111.11	53.82 ± 7.11
CFS (20 μM)	1310.42 ± 164.89	58.99 ± 5.85
CFS (30 μM)	$746.65 \pm 77.54^{**}$	55.84 ± 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.

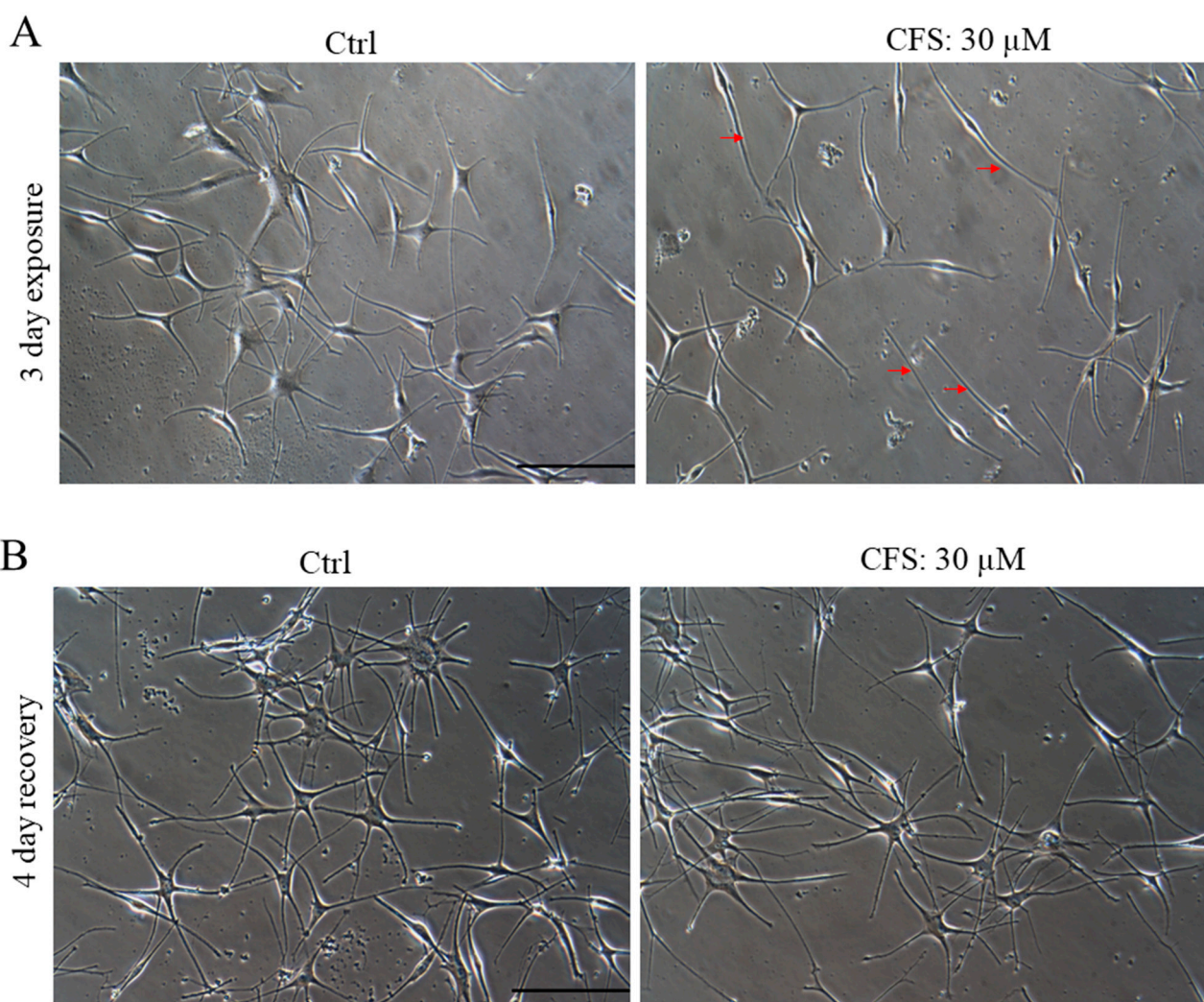


Figure S1: Microscopic images of HEMn-DP cells taken after a (A) 3-day exposure with CFS (30 μM) and after a (B) 4-day recovery period with culture in CFS-free medium.