

Supplementary Materials: Nanoencapsulation of Pomegranate Extract to Increase Stability and Potential Dermatological Protection

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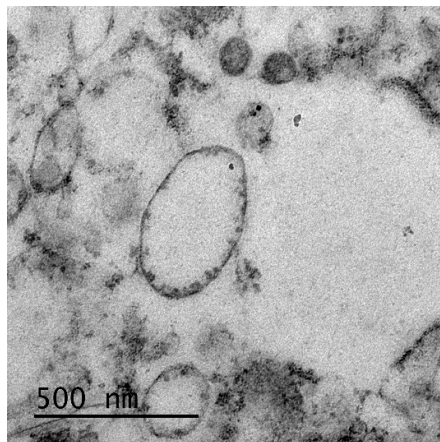


Figure S1. Transmission electronic microscopy image of CI-vesicles.

Table S1. Antioxidant activity ($\mu\text{M TE}$) of pomegranate extract (PG-E), free or encapsulated in CI-vesicles after released with methanol and chloroform.



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Antioxidant activity ($\mu\text{M TE}$)

PG-E, free	5830.25 \pm 169.00
CI-vesicles with PG-E released with methanol	5786.29 \pm 148.00
CI-vesicles with PG-E released with chloroform	5645.38 \pm 331.45

TE: Trolox Equivalents. Data are means \pm SE ($n = 3$).

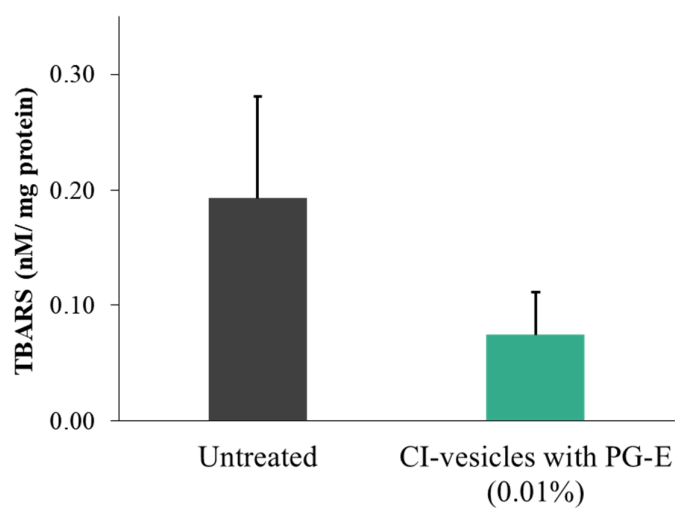


Figure S2. TBARS (nM/mg protein) determined in HaCaT cells exposed to UV radiation after treatment for 24 h with cauliflower inflorescence vesicles (CI-vesicles) with pomegranate extract (PG-E) (0.01%). Data are means \pm SE ($n = 6$).