Brief Report

Sepia Melanin-Loaded Primary Human Gingival Keratinocytes: An In Vitro Model for Studies on Pigmented Gingiva

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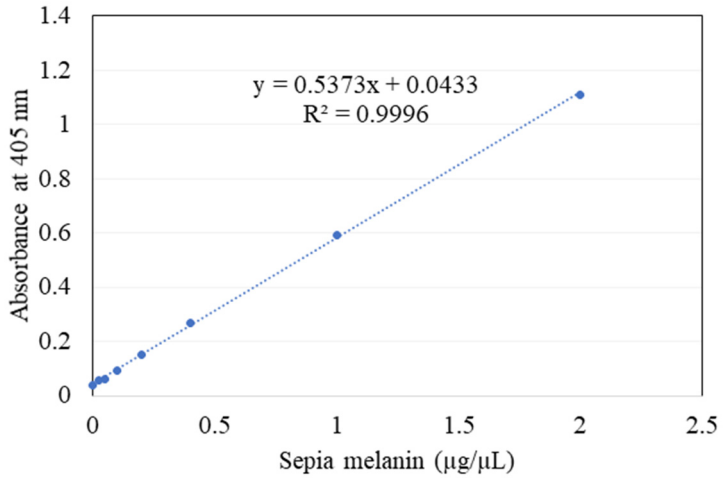

Figure S1. Standard curve for sepia melanin standard samples (0–200 µg; 0–2 µg/µL) according to the measured absorbances at 405 nm. Each data point is the mean ± SD of samples in duplicates.

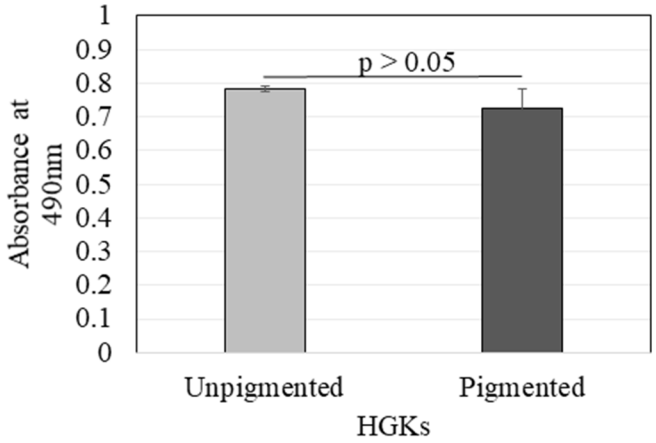

Figure S2. MTS assay absorbances of unpigmented HGKs and HGKs pigmented with 25 µg/mL sepia melanin; both groups were not significant ($p > 0.05$) as analyzed by unpaired t-test; data are mean ± SD of three independent experiments.

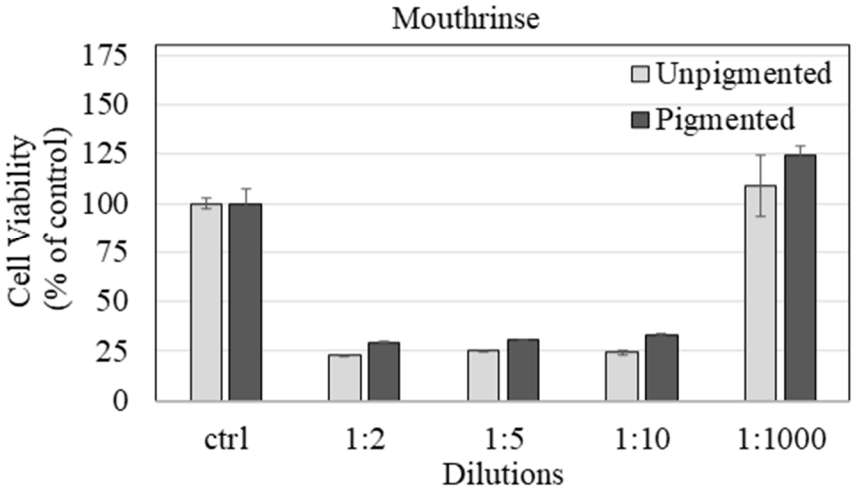

Figure S3. Viabilities of unpigmented and pigmented HGKs after treatment with mouthrinse at various dilutions for 24 h; Mouthrinse (considered 100 %) was diluted using culture medium to ratios of 1:2, 1:5, 1:10, and 1:1000 to yield concentrations of 50%, 20%, 10%, and 0.1% v/v, respectively; data are mean ± SD of one experiment with duplicate determinations.
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Table S1. Composition of mouthrinse used in this study.

Mouthrinse	Distributor	Active ingredients	Inactive ingredients
Listerine Total Care (Fresh Mint)	Johnson & Johnson Consumer Inc., NJ, USA	Sodium fluoride 0.02% (0.01% w/v fluoride ion)	Water, alcohol (21.6% v/v), sorbitol, poloxamer 407, eucalyptol, flavor, menthol, methyl salicylate, phosphoric acid, thymol, sodium saccharin, disodium phosphate, sucralose, red 40, blue 1