Supplemental FIGURE 3 Light micrographs of cell stained with hematoxylin-eosin (HE) to show epidermis thickness (A), and Azan to show ECM thickness in the dermis (B), in normal mice, vehicle-treated chronic UVB-irradiated mice (control), olive leaf extract-treated UVB-irradiated mice, and oleuropein-treated UVB-irradiated mice.

The olive leaf extract (300 and 1000 mg/kg body weight) and oleuropein (10 and 25 mg/kg body weight) were administered orally twice daily using gastric tube every day for 30 wk. The frequency of UVB irradiation was set at three times per week before the administration of vehicle (distilled water), the extract, or oleuropein.