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Correction: Coriander (*Coriandrum sativum* L.) essential oil and oil-loaded nano-formulations as an anti-aging potentiality via TGFβ/SMAD pathway

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Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-022-10494-4, published online 21 April 2022

The original Article contained errors. Due to an error during figure assembly of Fig. 4, the western blot panel for JNK in Fig. 4B was duplicated from the AP1 panel in Fig. 4A. The JNK panel in Fig. 4B has been replaced. The corresponding underlying image in the supplementary material has been corrected.

The original Fig. 4 and accompanying legend appear below:

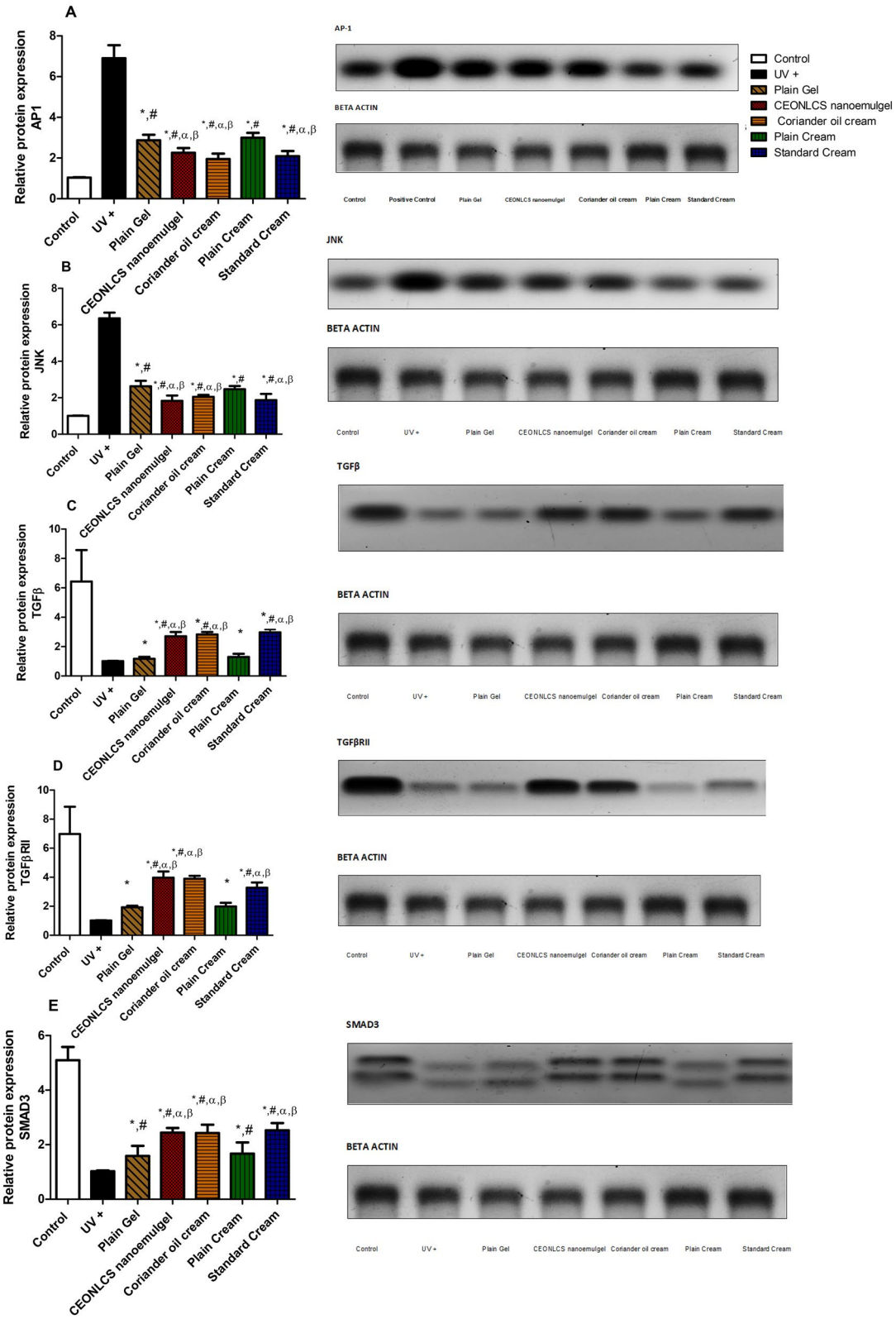


Fig. 4. Effect of plain cream, plain gel, Coriander oil cream formula, CEONLC nanoemulgel formulation, and standard cream treatment on protein expression of (**A**) AP-1, (**B**) JNK, (**C**) TGFβ, (**D**) TGFβRII, and (**E**) SMAD3 in skin homogenates of photoaged mice. Each result represents the mean value for 8 mice ± SD of the mean. Statistical analysis was carried out by one-way ANOVA followed by Tukey's multiple comparison test. *Statistically significant from the normal control group at $p \leq 0.05$, #statistically significant from the UV injured group at $p \leq 0.05$, α statistically significant from the plain cream base group at $p \leq 0.05$, and β statistically significant from the plain gel base group at $p \leq 0.05$.

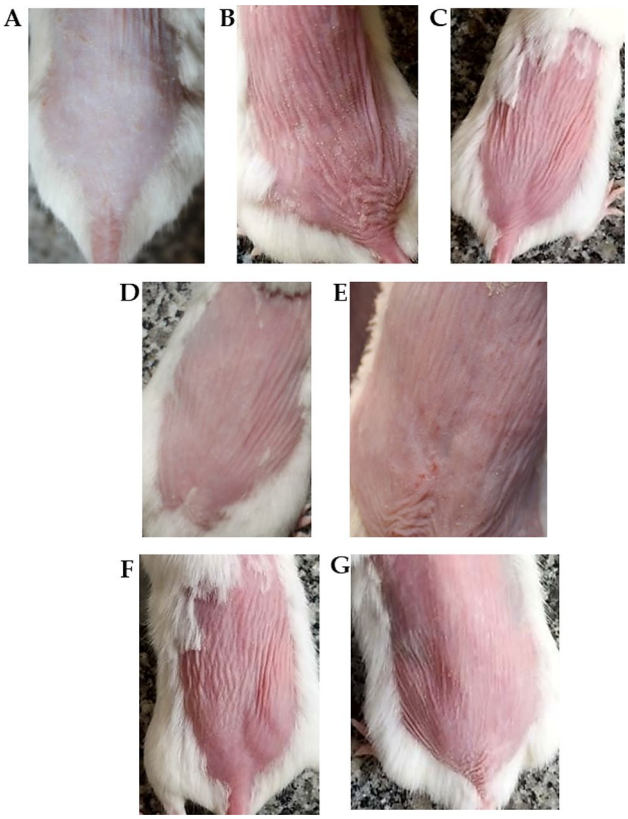


Fig. 5. Photographs for the dorsal side skin of mice: (**A**) normal skin, (**B**) UV+, (**C**) Plain gel, (**D**) CEONLCS, (**E**) Corriander oil cream, (**F**) Plain cream, (**G**) Standard cream.

In addition, due to an error during figure assembly of Fig. 5, the image of Fig. 5C shows a different photograph of the same animal depicted in Fig. 5F. The image in Fig. 5C has been replaced with an animal from the correct treatment group. The original Fig. 5 and accompanying legend appear below:

The original Article has been corrected.

Supplementary Information The online version contains supplementary material available at https://doi.org/10.1038/s41598-026-51904-1.

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