

Correction

# Correction: Gu et al. In Vitro Methods for Predicting Chemical Leukoderma Caused by Quasi-Drug Cosmetics. *Cosmetics* 2017, 4, 31

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## Text Correction

The authors wish to make the following corrections to their paper [1].

### 1. There Was an Error in the Original Publication: The Word “·OH” Should Be “·OH”

A correction has been made to 2. Materials and Methods, 2.7. Measurements of Hydroxyl Radical (·OH), “The fluorescence intensity of the compound generated by ·OH (excitation, 485 nm; fluorescence, 528 nm)”.

CORRECTED sentence: The fluorescence intensity of the compound generated by ·OH (excitation, 485 nm; fluorescence, 528 nm).

A correction has been made to 2. Materials and Methods, 2.9. Determination of ·OH Generation Sites.

CORRECTED sentence: 2.9. Determination of ·OH Generation Sites

### 2. There Was an Error in the Original Publication: The Word “lower” Should Be “higher”

A correction has been made to 3. Results, 3.3. Number of Viable Cells after 3-Day Exposure to Test Ingredients, “Upon treatment with 4HP and RK, the viability of Low tyrosinase activity cells was lower than that of high tyrosinase activity cells.”

CORRECTED sentence: Upon treatment with 4HP and RK, the viability of low tyrosinase activity cells was higher than that of high tyrosinase activity cells.

### 3. There Was an Error in the Original Publication: The Word “12.5” Should Be “25”, and the Word “0.04” Should Be “0.07”

A correction has been made to 3. Results, 3.5. In Vitro Factor of Safety and Factor of Effectiveness for Tested Substances, “The in vitro factor of safety, calculated as B16 melanoma cytotoxic concentration/estimated skin concentration, for 7% ARB, 0.3% 4BR, and 3% 4MSK lotions were 12.50, 0.21, and 100, respectively. These values indicate a high degree of safety assurance for lotions formulated with 7% ARB or 3% 4MSK, and cytotoxic effects were not observed in the melanocytes. In contrast, the in vitro factor of safety for 2% 4HP and 0.5% ML was 0.13 and 0.04, respectively, indicating a very low degree of safety.”

CORRECTED sentence: The in vitro factors of safety, calculated as B16 melanoma cytotoxic concentration/estimated skin concentration, for 7% ARB, 0.3% 4BR, and 3% 4MSK lotions were 25, 0.21, and 100, respectively. These values indicate a high degree of safety assurance for lotions formulated with 7% ARB or 3% 4MSK, and cytotoxic effects were not observed in the melanocytes. In contrast, the in vitro factors of safety for 2% 4HP and 0.5% ML were 0.13 and 0.07, respectively, indicating a very low degree of safety.



**Citation:** Gu, L.; Zeng, H.; Takahashi, T.; Maeda, K. Correction: Gu et al. In Vitro Methods for Predicting Chemical Leukoderma Caused by Quasi-Drug Cosmetics. *Cosmetics* 2017, 4, 31. *Cosmetics* 2022, 9, 62. <https://doi.org/10.3390/cosmetics9030062>

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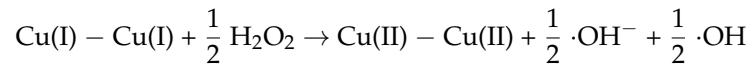
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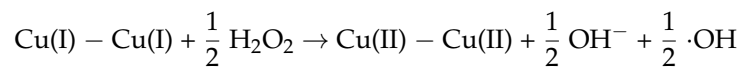
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#### 4. There Was an Error in the Original Publication: The Word “·OH<sup>-</sup>” Should Be “OH<sup>-</sup>”

A correction has been made to 4. Discussion, Paragraph 4



CORRECTED sentence:



The authors apologize for any inconvenience caused and state that the scientific conclusions are unaffected. The original publication has also been updated.

#### Reference

1. Gu, L.; Zeng, H.; Takahashi, T.; Maeda, K. In Vitro Methods for Predicting Chemical Leukoderma Caused by Quasi-Drug Cosmetics. *Cosmetics* **2017**, *4*, 31. [[CrossRef](#)]