

Correction of MATERIALS AND METHODS

In the December 2021 issue of *Preventive Nutrition and Food Science* (2021;26(4):425-433), a correction is necessary in the article “Pre-Clinical Evaluation of Proprietary Lutein, Zeaxanthin, and Rosemary Formulation for Its Dermal Protective Activity in Male Swiss Albino Mice” by Huijin Heo, Jayashree Madhavan, Sangwon Eun, Hyunmook Jung, and Hana Lee.

On page 426, errors were made in the MATERIALS AND METHODS. The corrected MATERIALS is printed below.

MATERIALS AND METHODS

Preparation of test samples

Test sample A: This was the placebo and natural sunflower oil, which is the base carrier vehicle of the active proprietary formulation. Sunflower oil, a vegetable oil, was considered the best carrier/vehicle since it is stable and effective in this medium.

Test sample B: This was the active and proprietary XanMax[®] 80 (Katra Phytochem Pvt. Ltd., Bangalore, India) and rosemary formulation (ratio, 11.11:88.88), dispersed in sunflower oil. XanMax[®] 80 is a marigold extract that contains 80% free lutein and 6% zeaxanthin. Lutein and zeaxanthin ratios were based on dietary reference intakes, whereby there is strong evidence that lutein is safe up to 20 mg/d (Ranard et al., 2017). Dried marigold was extracted in hexane and subjected to saponification. The extract was filtered, evaporated until dry, and frozen until use. Rosemary extract, which contained 8% carnosic acid, was extracted in ethanol and evaporated until dry. According to EU regulation 1333/2008, the maximum level (mg/L or mg/kg) of rosemary extracts in food supplements should be 400 mg/kg. Our formulation contains less rosemary extract than the maximum allowed dose per day (de Raadt et al., 2015). During the formulation stage, the dose of individual active ingredients (lutein, zeaxanthin, and rosemary) was taken into consideration following scientifically supported dietary guidance and intake recommendations.

These amendments do not alter the conclusions of the paper.

The authors apologize to the readers for the error.