Review of: "Effect of daylight and air oxygen on nanozymatic activity of unmodified silver nanoparticles: Shelf-stability"

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Potential competing interests: No potential competing interests to declare.

Manuscript title: Evaluating the effect of shelf-storage, daylight, and air oxygen on the peroxidase-like activity of unmodified silver nanoparticles

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Journal: Qeios

The manuscript deals with the synthesis of Ag NPs to be tested in the oxidation of 3,3',5,5'-tetramethyl-benzidine (TMB) as mimicking a peroxidase-like activity.

The author reports concise but correct results, with a good referencing.

In my opinion the morphological characterisation by TEM investigation could have been produced far better images than that reported in the manuscript, even in the experimental operational conditions. Is it possible that Figure 1 has been "stretched" in the "copy and paste" action to be embedded in the manuscript? Any comment on the size distribution of the Ag NPs?

Moreover, from the structural point of view, no XRD neither a UV-Vis spectrum of the Ag NPs pattern have been reported: both might be useful for a thorough characterisation

These are the points that deserve to be improved.

For these reasons I suggest to accept the manuscript after revision to be published in Qeios.