

# Review of: "Nanomaterials: History, Production, Properties, Applications, and Toxicities"

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**Potential competing interests:** No potential competing interests to declare.

The manuscript entitled "Nanomaterials: History, Production, Properties, Applications, and Toxicities," as the name suggests, deals with nanomaterials. This topic is not new and is known to the scientific community. The whole manuscript is based on theories rather than scientific evidence and examples. The authors have neglected the synthesis, properties, and applications of nanomaterials and have given more emphasis to history and toxicity. Therefore, the following are a few queries that are necessary for the development of the review. The review may be ready to publish after this major revision.

1. As the review is all about nanomaterials, the abstract should mainly be focused on materials. The abstract should be brief and precise. Write only important points rather than stories.
2. The introduction part of the review is missing. Authors should provide the introduction to the review before discussing its history.
3. Synthesis and properties of nanomaterials should be discussed clearly in a separate section with schemes and figures.
4. Authors should be very careful while selecting the headings of the different sections. Authors are suggested to revise the headings. Sections 4 and 5 should be merged.
5. "When 50% or more of the particles are between 1 and 100 nm, they have a significant impact on civilization because of all the uses they have." The sentence is not clear; rewrite it.
6. A scheme should be provided that reflects the overall theme of the review.
7. Authors haven't mentioned on what basis they have classified the nanomaterials. Provide figures and describe to justify the classifications.
8. Authors focused more on the history of nanomaterials rather than other parts.
9. Applications of nanomaterials should be discussed with latest references. How do the nano-sized materials affect the applications? Describe with experimental results.
10. The review lacks scientific evidence.
11. Write future prospects of nanomaterials.
12. Authors are suggested to (1) use scientific terms, (2) check sentence construction in several places, (3) check grammatical errors

