

# Review of: "Haematological and Biochemical Patterns in the Liver Function of a Syrup Made From Vitex Doniana Fruit"

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

Thank you for sending me the research for evaluation, and I apologize for the delay. Your efforts in the research are evident, but there are some notes to consider:

1-Introduction: There isn't enough information about the plant mentioned in the research title. Details about its cultivation, basic components, benefits, and harms should be included.

2-Materials and Methods:

1-The method of extracting the plant used is not mentioned. There are several extraction methods; which method was used? Details about the process (e.g., drying, temperature, water added to obtain the serum, etc.) should be provided.

2-The concentrations of the doses used are too low for measuring the toxicity of the plant.

Results:

1-An increase in white blood cells was observed in the groups compared to the control, but the increase in the dosed groups was slight. This means the higher dose cannot be considered a strong anti-inflammatory?. When comparing the effect on the liver,

2-Using a damaged or unhealthy liver for comparison with the other groups provides stronger evidence of the effect of the plant used.

Discussion:

The results were not discussed from multiple perspectives, nor were they placed in context without over-interpretation. The discussion was mainly a review and confirmation of previous research. For instance, in the case of the increase in white blood cells (WBCs), the discussion did not cover the mechanisms or effective compounds leading to this increase.

I'm sorry for the lengthy message. Wish you all the best.