

# Review of: "Tsallis Entropy applied to microfluidic channels analysis"

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

This paper entitled, Tsallis Entropy applied to microfluidic channels analysis, studied the possibility to describe the fluid flow in a microchannel from a thermodynamic point of view, exploring the possibility to evaluate the presence of obstacles and their influence on the fluid. A new evaluation of the position of the correlation between velocity and geometric coordinate to cover the entire channel should be studied. So far, less study has been focused on the studies related to the Tsallis entropy fluid flow in a microchannel. The reviewer recommends to accept this draft with proper revision below.

1. The introduction section is not clear. It is very broad and not at all comprehensively focused to relevance of the manuscript.
2. Validation of results not reported. The article at this level is incomplete without validation and it is not possible to trust its results. Explain about this.