

# Review of: "Flavocillin: a potent TrxR and OATP inhibitor"

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Potential competing interests: No potential competing interests to declare.

## Comments to Author:

I have gone through manuscript Flavocillin: a potent TrxR and OATP inhibitor submitted by Labrou and coauthors. In my opinion there are many demerits in this MS and need a lot of improvement.

Abstract is not well defined and does not give the full information of conducted research. Author needs to work on English as MS is not written in intelligible English manner. There are grammatical errors and few of the terminologies are not clearly understood in line 'Beta lactams indicate various bacteria that are either aerobic/anaerobic or gram-positive/gram-negative' here what is meant by indicates? Similarly in line written 'So the bigger question, is whether TrxR(or GrxR for that matter) is involved in the recruitment of beta-lactamases.' What is meant by recruitment here, there are many other terms that do not clearly indicates the purpose.

Author has not clearly mentioned the methodology, no results are given for molecular docking and Insilco studies, what is the software used for docking it should be mentioned with reference. Flavocillin structure is missing it's better to add the basic structure along with the structure with substituted moiety. There are no results given for antimicrobial activity but mentioned.

Relevant figures of results should be added to MS.