

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_82821
Title of the Manuscript:	Synthesis, Characterization and Biological Evaluation of Chalcones and its derivatives for Antileishmanial activity
Type of the Article	Original Research

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljpri.com/index.php/JPRI/editorial-policy>)

### PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	<p>The authors report on the synthesis of pyrazoline-based chalone derivatives via a series of nucleophilic addition reactions followed by the in vitro characterization of activity on Leishmania parasites by inhibitory and cytotoxicity MTT reduction assay; and report a range of micromolar toxicity.</p> <p>The required revisions include a formal Abstract and non-inclusion of the general description of microbiota sentence. The introduction can also exclude the inhibitory concentration sentence, which can be included in the Discussion and in terms of applicability to the Results, and where in the parasite life cycle the new antimicrobial could affect. The methods are detailed, but some of the methods can be included in the Results and the Discussion of the paper would need to be further strengthened, as does the Conclusion.</p> <p>The figures showing the proportion of inhibition IC50 (y-) to concentration of drug (x-) dependence curves should be included. The single agent sensitivity ratio (IC50/CC50) in comparison to that of a multi-drug regimen could be considered.</p>	
<b>Minor</b> REVISION comments	The major revision is what is required at this stage; n/a	
<b>Optional/General</b> comments Table of contents, or n/a	The comments as included above; the initial submission can be reassessed after revision.	

### PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Are there ethical issues in this manuscript?</b>	<p>(If yes, Kindly please write down the ethical issues here in details)</p> <p>The authors should declare that they have no competing interests.</p>	

**Review Form 1.6**

**Reviewer Details:**

Name:	<b>Hemant Sarin</b>
Department, University & Country	<b>USA</b>