



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	<b>Ms_JPRI_49674</b>
Title of the Manuscript:	<b>Mechanism of Spasmogenic Activity Stimulated by Aqueous Ethanolic Leaf Extract of Mucuna pruriens on Isolated Uterine Muscle of Albino Rats</b>
Type of the Article	<b>Original Research Article</b>

**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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**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>1) <b>Introduction</b> too short, author must introduce the medical use of uterine stimulation such as its use in gynecology-obstetrics:</p> <ul style="list-style-type: none"> <li>- Triggering work on unfavorable neck triggering labor during childbirth.</li> <li>- IVG voluntary termination of pregnancy in combination with mifepristone, as well as in medical interruptions of pregnancy. Author should also list the traditional use of the plant</li> </ul> <p>2) <b>Results section:</b></p> <ul style="list-style-type: none"> <li>a- The EC<sub>50</sub> was calculated as 2.9 mg/ml + SEM????</li> <li>b-Fig 1: Is it Log -dose??? Or -Log dose. Log a, with a should be strictly positif!!!</li> <li>c-The extract concentration (0.86 mg/ml) is smaller than the EC50??? he must choose the max or the submaximal one.</li> <li>d- Author should put the coordinate scales on the typical tracing.</li> <li>e- Title of the table should be on the top.</li> </ul> <p>3) <b>Discussion section</b></p> <ul style="list-style-type: none"> <li>a-I do not understand why author did this experiment. It was clear that the beta agonists will relax the preparation. An other explanation, may be the extract contains in addition to the contracting agents, agonists beta agoniste compounds who are blocked by propranolol which potentiate the contraction.</li> <li>b- We can not speak about cAMP levels because author didn't measure or analyze cAMP levels</li> </ul>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**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>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	



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**Reviewer Details:**

Name:	<b><i>Rachid Bencheikh</i></b>
Department, University & Country	<b><i>Sidi Mohamed Ben Abdellah University, Morocco</i></b>