



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_49674
Title of the Manuscript:	Mechanism of Spasmogenic Activity Stimulated by Aqueous Ethanolic Leaf Extract of Mucuna pruriens on Isolated Uterine Muscle of Albino Rats
Type of the Article	Original Research Article

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)
Compulsory REVISION comments	<p>1) Introduction 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"> - Triggering work on unfavorable neck triggering labor during childbirth. - 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 <p>2) Results section:</p> <p>a- The EC₅₀ was calculated as 2.9 mg/ml + SEM????</p> <p>b-Fig 1: Is it Log –dose??? Or –Log dose. Log a, with a should be strictly positif!!!</p> <p>c-The extract concentration (0.86 mg/ml) is smaller than the EC50??? he must choose the max or the submaximal one.</p> <p>d- Author should put the coordinate scales on the typical tracing.</p> <p>e- Title of the table should be on the top.</p> <p>3) Discussion section</p> <p>a-I do not understand why author did this experiment. It was clear that the beta agonists will relaxe the préparation. 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.</p> <p>b- We can not speak about cAMP levels because author didn't measure or analyze cAMP levels</p> <p>.</p>	<p>The introduction has been elaborated to include vital information.</p> <p>Graph has been corrected using Graph pad prism. EC₅₀ was calculated as 0.88mg/ml.</p> <p>Log concentration (x) against Amplitude of contraction (y) was plotted.</p> <p>Coordinates have been included. Title of table has been placed on the top.</p> <p>The possible presence of an agonist in the extract may be the subject of further studies.</p> <p>cAMP discussed has been expunged.</p>
Minor REVISION comments		
Optional/General 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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	None