



SDI Review Form 1.6

Journal Name:	European Journal of Medicinal Plants
Manuscript Number:	Ms_EJMP_54400
Title of the Manuscript:	Evaluation of sedative and anxiolytic activity of methanolic extract of Lablab purpureus (L.) sweet seeds in experimental mice model
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>)

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	The pharmacological study of the crude seeds extract of Lablab purpureus is clearly explained using Sedative activity, Anxiolytic activity, Elevated Plus Maze test the invivo study. The phytochemicals present in the L. purpureus seeds, may act as GABAA agonists and this agonistic property could be attributed to the CNS depressant effect. In open field and hole cross test, the seeds extract of Lablab purpureus showed a dose dependent suppression of motor activity and exploratory behavior. From the results, it could be concluded that the methanolic extract of L. purpureus seeds possesses a significant CNS effect and may fulfill the therapeutic need for the treatment of anxiety and related neuropsychiatric disorders.	
Minor REVISION comments	Not required	
Optional/General comments	The research work is recommended for publication	

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)	

Reviewer Details:

Name:	K. Anbarasi
Department, University & Country	Nirmala College for Women, India