Review Form 1.6

Journal Name:	**Journal of Pharmaceutical Research International**
Manuscript Number:	**Ms_JPRI_81519**
Title of the Manuscript:	**STUDY OF THE EFFECT OF ADEMOL ON THE DYNAMICS OF S 100 PROTEIN IN RATS WITH TRAUMATIC BRAIN INJURY**
Type of the Article	**Short 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:

(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)*
Compulsory REVISION comments	This is an interesting study looking at the effects of ademol (a synthesized compound targeting the NMDA receptor) on severe TBI with an impact model. The group presents data on the S100 protein, which is valid. It would be strongly recommended to characterize neuronal damage with fluorojade C. Furthermore, apoptosis mediated by the caspase cascade as well as tunel staining should be performed. Some key references are lacking to further expand discussion of the effects of TBI and should be included PMID: 33226021, PMID: 29788004, PMID: 30409147	
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)*	

Reviewer Details:

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