

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_77836
Title of the Manuscript:	Experimental study of the effect of serum hydrogen sulfide on the course of the inflammatory process in the vaginal wall
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:

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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		
Minor REVISION comments	<p>The authors studied the effect of excess and deficiency of serum hydrogen sulfide on the course of the inflammatory process in the vaginal wall of rats. Considering that at present, in the scientific literature there is almost no information on the peculiarities of inflammatory diseases of the vagina, in conditions of excess and deficiency of serum hydrogen sulfide the present study justifies its importance. Material, methods and results are well presented. I think the article can be accepted for publication in Journal of Pharmaceutical Research International after a Minor Revision.</p> <p>Some remarks: Introduction:</p> <p>1.pg 2: you wrote: „Hydrogen sulfide plays an important role in the regulation of vascular tone, neuromodulation, cytoprotection, inflammation, apoptosis and other processes”. Which other processes? Please complete.</p> <p>2.At introduction it would be useful to write how hydrogen sulfide is formed in the vaginal mucosa and from what compounds (for women, in physiological conditions). Please complete.</p> <p>3. pg 2: you wrote: „That is why, in our opinion, it is important to study the peculiarities of the inflammatory process of the vaginal wall in conditions of excess and deficiency of serum hydrogen sulfide. <i>The aim of the study</i> – to evaluate the effect of excess and deficiency of serum hydrogen sulfide on the course of the inflammatory process in the vaginal wall of rats.” Please reformulate the two sentences because you write about the same information twice.</p> <p>Material and methods:</p> <p>1. pg 2: Which is the number and the data at which the bioethics committee approved the experimental study. Please complete at material and methods</p> <p>2. pg 2-3: When you randomly divided the rats you have 7 groups (6EG and 1CG). You wrote that the experiment is conducted on 80 rats, but than you wrote that n=20 for 6 EG that gives 120 rats + 5 for CG. This gives 125 rats. Please clarify how many rats are in each group</p> <p>3. pg 3: please complete the route of administration for L-propargylglycine</p> <p>4. pg 3, you wrote: “In each group and at each time point, the condition of the vaginal wall was studied in 5 rats.” Why only on 5 rats?</p> <p>Results:</p> <p>1. Fig 1 to 5: The figures / legends of the figures are not complete. Are missing n=number of mice/group; p...as compared to... and (mean ± SD)</p> <p>2. everywhere p is 0. not for ex P= .006</p> <p>3. For Fig 2 and 3 you have the same P= .01 and P= .005 for EG 1; P= .002 and P= .002 for EG 3. P= .04 and P= .02 for EG 2?</p>	
Optional/General comments		

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

Reviewer Details:

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