

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_87557
Title of the Manuscript:	Thyroid and Extrathyroid Effects of Methimazole in Modeling Hypothyroidism with Different Doses of antithyroid drug: morfofunctional study
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:

(<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)
<b><u>Compulsory</u></b> REVISION comments	The study was to establish the optimal dose of methimazole for the induction of hypothyroidism with minimal toxic effects on tissues. It is possible to introduce the achievements of experimental biology into clinical medicine.	Due to the great similarity in many aspects of the physiology of the thyroid system of different mammalian species, the results of experimental studies are quickly translated into human thyroidology
<b><u>Minor</u></b> REVISION comments	This study is helpful for determination of drug dose which has optimum therapeutic effect with less hepatotoxic and nephrotoxic effects.	The aim of the study to determine the single and course doses of methimazole (mercazolil), which provide modeling of hypothyroidism while minimizing the side effects of a thyrostatics.
<b><u>Optional/General</u></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)
Are there ethical issues in this manuscript?	<b><u>(If yes, Kindly please write down the ethical issues here in details)</u></b>  Experiments have been examined and approved by the appropriate ethics committee.	All experiments have been examined and approved by the Ethics committee of the Bashkir State Medical University.