

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_83788
Title of the Manuscript:	TMPRSS6- Mutation in iron deficiency anemia -A review
Type of the Article	Review 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**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>Compulsory</b> REVISION comments	<p>The authors wrote an interesting short review on iron deficiency anemia and TMPRSS6. This is of interest. Following points should be addressed.</p> <p>The authors should discuss the importance of diet and lifestyle for improvement of prevention and survivorship in this disease. Indeed environment, lifestyle and diet (eg, iron intake, chelators) together influence pathogenic mechanisms.</p> <p>There are also influences of germline genetic variations (other than those in TMPRSS6) on this disease. Gene-by-environment (including diet and lifestyle) interactions should be discussed.</p> <p>Along with these lines and contexts, research on dietary / lifestyle factors, and personalized molecular biomarkers in this disease is needed for prevention and treatment research. The authors should discuss molecular pathological epidemiology research that can investigate those factors in relation to molecular pathologies and clinical outcomes in this disease; this approach has been discussed in Annu Rev Pathol 2019, Hum Genet 2021. Molecular pathological epidemiology research can be a promising direction and should be discussed.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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