

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_77759
Title of the Manuscript:	Antibiotic Resistance patterns among bacteria isolated from rural and urban wastewaters of West Bengal, India
Type of the 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://peerreviewcentral.com/page/manuscript-withdrawal-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)
<u>Compulsory</u> REVISION comments	<p>However, the introduction is too long.</p> <p>The authors talk about Models of antibiotic resistance among bacteria isolated from rural and urban wastewater in West Bengal, India (in summary and conclusion) while in the article we find a heavy metal assay which is not been described. Also for the study of antibiograms no statistical studies were mentioned, no standard deviations were highlighted which makes the study uninteresting the results were not confirmed and carried out in triplicate.</p>	<p>The protocol and reference for the heavy metal assay is reported in reference 18 which is cited. Authors avoided the full description to reduce the length of the manuscript; since the referred study followed EPA guidelines which was replicated in our work. Further, this paper does not establish a need for correlating the presence of heavy metals with antibiotic resistance since this is the first report of the prevalence of antibiotic resistance from the sample sites; hence the need for replicating the studies does not arise at this point. In due course when more sample sites are incorporated and analysed the prevalence parameters would be analysed statistically.</p>
<u>Minor</u> REVISION comments	<p>However, it would have been desirable to identify the type of antibiotic found in the wastewater, for this there are several techniques.</p> <p>Moreover, the discussion is well compared with other works produced around the world.</p>	
<u>Optional/General</u> comments	<p>The manuscript deals with an interesting subject. It deals with a public health issue including antibiotic resistance in rural and urban wastewater in West Bengal, India.</p>	

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PART 2:

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