

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_79054
Title of the Manuscript:	Evaluation of Real-Time Polymerase Chain Reaction in Culture-Negative Cerebrospinal Fluid Samples of Bacterial meningitis Patients
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	<p>The authors performed RT-PCR of culture negative CSF for detecting pathogens of bacterial meningitis. Forty-one of 50 cases were positive by PCR and the majority of pathogen was <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i>.</p> <p>It seems to be relevant to consider that RT-PCR has higher sensitivity than bacterial culture test. However, a positive PCR is only evidence of the pathogen presence, and it is not sufficient for a discussion about clinical significance. The authors should show the whole CFS collected cases, irrespective of culture-negative or not. Clinical outcomes such as overall survival, duration of hospitalization and cause of death should be statistically compared between the culture negative and positive groups.</p> <p>If it is difficult for the authors to perform survival analysis, at least, patient characteristics including antibiotics treatment should be compared between the culture negative and positive groups in Table 2.</p>	Antibiotic treatment of the subject enrolled Incorporated in Table 2
<b><u>Minor</u></b> REVISION comments	Please define "SVPPGIP" in Materials and Methods.	Incorporated in material and methods
<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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	No