

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_74446
Title of the Manuscript:	Prediction of epitope peptides against PTK gene of Acinetobacter baumannii
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:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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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	<p><u>The paper is difficult to follow and had fair logical flow</u> <u>The methods are not clear</u></p>	
Minor REVISION comments	<p><u>1-Title: Prediction of epitope peptides against PTK gene of Acinetobacter baumannii</u></p> <p>The Title can be changed to be Prediction of epitope peptides for PTK gene of Acinetobacter baumannii</p> <p><u>2- In Introduction:</u></p> <p>Various studies had documented different biofilms with different phenotype, genotype with efflux pumps and it consist of haemolytic factors and iron acquisition. <u>The flow of the paragraph is incorrect</u> <u>Add reference</u></p> <p>Our team has extensive knowledge and research experience that has translated into high quality publications (3–14), (15–19) (20) (21) (22) which was implemented in the present investigation.</p> <p><u>Not suitable to describe yourself that you have extensive knowledge</u> <u>You should refer to the idea of each publication that implemented in the manuscript</u> <u>Correct the references to (3-22)</u></p> <p>In the context of <i>A.baumannii</i> virulence factors, amidst many vital genes viz., PLCN gene, LasB, bap gene, Ptk gene, epsA gene, OmpA gene,</p> <p><u>This is incomplete sentence</u> <u>Where is the references</u></p> <p>Vital mutation in ptk mutations, as revealed by genomic sequencing reveals its diversity and evolutionary patterns. <u>Add reference</u></p> <p>Prophylaxis is based on preparation of new vaccines by subtractive proteomics with the reverse vaccinology technique, which is successful in identifying vaccine candidates against <i>A.baumannii</i>. <u>Add reference</u></p> <p>Immuno-informatics is capable of identifying virulence genes, surface associated proteins, with several methods available such as enabling designing the therapeutic vaccine in a</p>	

	<p>short period of time. Add reference</p> <p>3- In Material and Methods: Institutional approval for the research was obtained</p> <p>The IRB number must be provided</p> <p>CELLO V.2.5: subcellular localization predictor tool.</p> <p>Vaxijen V2.0 server</p> <p>physicochemical properties and alignment based prediction method</p> <p>AlgPred server</p> <p>a self-optimised prediction method Pepfold server RAMPAGE tool ClusterPro server Kolaskar and Tonganokar antigenicity method.</p> <p>You must clarify these method , what are the use of each, where are the references for each</p> <p>AlgPred server, a web-server developed to predict the allergenic proteins and aids in mapping out IgE epitopes.</p> <p>Why Ig E ????</p> <p>4- Result</p> <p>The data are not clearly and appropriately presented</p> <p>Figure 1, 2 and 3 showed not clear (bad resolution)</p>	<p>All these methods are not clear</p>
<p>Optional/General comments</p>	<p>The English language needs a great deal of polishing.</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?	(Institutional approval for the research was obtained.) The IRB number must be provided	

Reviewer Details:

Name:	<i>Sherein Gamal Elgendy</i>
Department, University & Country	<i>Assiut University, Egypt</i>