



**SDI Review Form 1.6**

Journal Name:	<a href="#">British Microbiology Research Journal</a>
Manuscript Number:	<b>Ms_BMRJ_24994</b>
Title of the Manuscript:	<b>Preparation of Fowl Typhoid Vaccine from Field Isolates and Determination of Efficacy</b>
Type of the Article	<b>Original Research Article</b>

**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://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**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><u>Compulsory</u></b> REVISION comments	<p><b>General comments:</b> Authors did a nice job in this study. Please correct as per the following suggestions including addition and formatting references. All bacteria name should be in italic form as per the international standard.</p> <p>Page 1 Line 1: Introduction:</p> <p>Please start the introduction with an important sentence, "Fowl typhoid (FT) is an important systemic disease of poultry (Nandre and Lee, 2014. Generation of a safe <i>Salmonella</i> Gallinarum vaccine candidate that secretes an adjuvant protein with immunogenicity and protective efficacy against fowl typhoid)."</p> <p>Page 1 Line 30: There is need to add following generalized sentences since <i>Salmonella</i> contaminate through fecal materials.</p> <p>..... outbreaks accompanied by high mortality [4]. "Salmonella excrete through feces,</p>	



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	<p>which can cause undesirable effects in health and environment (Nandre et al., 2011 Veterinary Immunology Immunopathology 299-311; Nandre et al., 2012 Research in Veterinary Science 596-603; Nandre et al., 2013 Veterinary Journal. 861-867; Nandre and Lee, 2014 Vaccine 425-431.)”</p> <p>Page 1 Line 51:</p> <p>Since, live vaccine has major drawback of safety, it need to emphasize on alternative option for live vaccine such as killed vaccine. Please add following sentence, because study is based on killed vaccine.</p> <p>“Killed or inactivated vaccines may offer a better alternative to overcome safety concerns of live vaccines (Nandre and Lee, 2014. Comparative evaluation of safety and efficacy of a live <i>Salmonella gallinarum</i> vaccine candidate secreting an adjuvant protein with SG9R in chickens)”.</p> <p>Page 3, Line 150.</p> <p>Why did do perform safety test in chickens? Because chicken is final host.</p>	
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	<p>Result and Discussion:</p> <p>Please elaborate discussion. You can refer Nandre R et al. papers to elaborate discussion.</p> <p>Page 3; Line 160.</p> <p>Periodic booster vaccinations are needed (Nandre et al., 2014. Efficacy for a New Live Attenuated <i>Salmonella</i> Enteritidis Vaccine Candidate to Reduce Internal Egg Contamination. Zoonoses and Public Health). And (Nandre et al., 2013Enhanced protective immune responses against <i>Salmonella</i> Enteritidis infection by <i>Salmonella</i> secreting an <i>Escherichia coli</i> heat-labile enterotoxin B subunit protein, Comparative immunology. Microbiology and Infectious disease).</p> <p>Conclusion:</p> <p>Since this is small scale study (8 birds in each group), there is need to write one statement with reference as follow:</p> <p>“However, the large scaled studies are required to evaluate efficacy of candidate vaccine (Dana R et al., 2016 Antibodies derived from a toxoid MEFA (multiepitope fusion antigen) show neutralizing activities against heat-labile toxin (LT), heat-stable</p>	
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	toxins (STa, STb), and Shiga toxin 2e (Stx2e) of porcine enterotoxigenic <i>Escherichia coli</i> (ETEC). Veterinary Microbiology)".  <b>Ethical Issues:</b> There is need to add ethical statement.	
<b><u>Minor</u></b> REVISION comments	References  Add all suggested references and re-check references as per the authors guidelines for format and style.	
<b><u>Optional/General</u></b> comments		

**Reviewer Details:**

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