

Review Form 1.6

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| Journal Name: | International Journal of TROPICAL DISEASE & Health |
| Manuscript Number: | Ms_IJTDH_83112 |
| Title of the Manuscript: | Seroprevalence and socio-demographic risk factors of Leptospirosis in Aligarh region of North India. |
| 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.journalijtdh.com/index.php/IJTDH/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) |
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| <u>Compulsory</u> REVISION comments | <p>The study presents results of a serological study for leptospirosis in human. A sample of 171 clinically cases is included. Authors found serological evidence for the presence of Leptospira in some patients evaluated. Since the disease is usually underreported in the country, the results are of interest. However, the manuscript is poorly presented; the description of the methodology does not allow to appropriately evaluating the soundness of the study.</p> <p>The experimental design of the study is paramount. A detailed description of the sampling method is needed. The objective is to determine the seroprevalence of infection. This will only be valid if a proper sampling design was carried. What data, of the national or regional human populations, was used to estimate the sample size? Provide the reference. Also, provide the method used for sample calculation.</p> <p>Criteria for labelling a human as positive should be in the methods section.</p> <p>Was this project reviewed and approved?</p> <p>Check spelling: leptospirosis instead of Leptospirosis, venepuncture (venipuncture), by B. Garba et al</p> <p>In table 3, remove mid dash from each number; it seems that the result is negative.</p> <p>Eliminate table 1, the information of the results is repeated.</p> | |
| <u>Minor</u> REVISION comments | | |
| <u>Optional/General</u> comments | | |

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PART 2:

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| | 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? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|--------------------------|
| Name: | Erika Palomares Resendiz |
| Department, University & Country | México |