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| Journal Name: | [**International Journal of TROPICAL DISEASE & Health**](https://journalijtdh.com/index.php/IJTDH) |
| Manuscript Number: | **Ms\_IJTDH\_141535** |
| Title of the Manuscript: | **Epidemiology and Geographical distribution; Transmission; Global burden and Control Strategies of Leishmaniasis** |
| Type of the Article | **Review Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** |  |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. |  |  |
| Is the manuscript scientifically, correct? Please write here. |  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  |  |
| Is the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments | The manuscript presents a thorough and well-structured review of leishmaniasis, addressing key aspects such as :  • Its epidemiology.  • Transmission cycle.  • Global burden.  • Animal and human hosts.  • Control strategies.  It is rich in data, heavily referenced, and contributes valuable insights into the current  state and challenges of leishmaniasis control.  **Major Remarks and Questions**  **Remarks :**  **R1. Abstract is dense and lacks structured subsections.**  **R2. Figure 1 is not very clear.**  **R3. Some figures lack proper captions, integration, and citation.**  **R4. Table 1 should be formatted and referenced professionally.**  **R5. The space here ( blue ) should be fixed as well.**    **R6. For Figure 3, the caption should appear directly below the image, not on a separate page. Additionally, the image source must be clearly cited to ensure proper attribution.**  **R7. Temperature is widely recognized as one of the major environmental determinants of Leishmania transmission dynamics. It would be highly relevant to include a dedicated discussion of the role of temperature in shaping vector activity, parasite development, and potential outbreak patterns. I recommend adding a subsection or paragraph addressing this point to strengthen the paper’s completeness, especially in light of increasing global climate variability.**  **Question :**  **The temperature has a big effect on the life cycle of Leishmania, especially when it comes to how the parasite grows in the sand fly vector and where the disease spreads. Could the authors please explain if this important factor is taken into account in current control strategies?** |  |

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| **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?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |