# **Review Form2**

Book Name:	Achievements and Challenges of Medicine and Medical Science
Manuscript Number:	Ms_BPR_3619
Title of the Manuscript:	Case Notification of Cutaneous Leishmaniasis at Different Elevations in the North-Central Ethiopia from 2018 To 2022
Type of the Article	Book chapter

## **PART 1:** Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	Leishmaniasis is a transmissible disease endemic to countries with hot and warm climates. The causative agent of leishmaniasis is the protozoan parasite <i>Leishmaniatropica</i> , which is transmitted by the bite of infected mosquitoes. The main risk factors are: poor socio-economic conditions, insufficient consumption of foods with sufficient protein, iron, vitamin A, zinc; migration of people to endemic regions, low immunity, climate change (drought, floods, etc.).  Visceral leishmaniasis (also known as kala azar) is fatal without treatment. It is characterized by irregular fever attacks, weight loss, enlarged spleen and liver, and anemia. Visceral leishmaniasis is highly endemic in India and East Africa. It is estimated that 200,000 to 400,000 new cases occur annually worldwide. More than 90% of new cases are detected in six countries: Bangladesh, Brazil, Ethiopia, India, South Sudan, Sudan and Ethiopia.  Cutaneous leishmaniasis (Borowski's disease) is the most common form of leishmaniasis. About 95% of cases are detected in America, the Mediterranean basin, the Middle East and Central Asia. Six countries account for more than two-thirds of new cases of cutaneous leishmaniasis: Algeria, Afghanistan, Brazil, Iran, Colombia, and Syria. According to the literature, from 0.7 to 1.3 million new cases of the disease are detected annually in the world.  The relevance of leishmaniasis is due to the lack of alertness on the part of doctors to this pathology, the variability of the incubation period and the manifestations of this disease.Increasing disease activity, increasing incidence of complications, lack of modern diagnostics determine the relevance of this problem. There are many unresolved issues concerning pathogenetic aspects, diagnosis, treatment and prevention of cutaneous leishmaniasis.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the manuscript reflects the focus of the experimental research and is appropriate for this manuscript.	
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.	The abstract of the article is quite comprehensive and briefly describes all the stages of the study, its results and conclusions.	
Are subsections and structure of the manuscript appropriate?	The manuscript is logical and well-structured. The introduction describes the characteristics of the causative agent, leishmaniasis itself, and its relevance in the medical community, especially among epidemiologists and clinicians.  The "Materials and Methods" section describes in detail and methodologically all the stages of research design and its step-by-step implementation.  The "Results" and "Discussion" sections provide specific research indicators, their interpretation, and an in-depth analysis of the results in the context of current challenges to the spread of cutaneous leishmaniasis.  The conclusions present the results of studies on the dependence of cutaneous leishmaniasis prevalence on different altitudes in north-central Ethiopia, as well as the risks associated with the provision of medical care.	

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Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.	The authors of the manuscript have selected a valuable and relevant area of experimental research, and their work is of a high scientific, theoretical, and practical level.  Therefore, the manuscript is scientifically sound and technically correct, and is also important in the field of epidemiology of diseases that are difficult to prevent, have problems with quality diagnosis and appropriate treatment protocols.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The literature used in writing the manuscript is quite actual.	
Minor REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	The language and its quality meet the requirements of the article's design and are adapted for scientific communication.	
Optional/General comments	It's an interesting manuscript, I liked it. It has important facts and challenges for immediate solutions to the problems identified by the scientific-authors.	

## PART 2:

		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)	

### **Reviewer Details:**

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