

Review Form 1.6

Journal Name:	Microbiology Research Journal International
Manuscript Number:	Ms_MRJI_88967
Title of the Manuscript:	Biochemical Properties Of Parasite Virulence Factor: Lesson Learned From Leishmania
Type of the Article	Review 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.journalmrji.com/index.php/MRJI/editorial-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>- The summary should be rewritten and the most important findings should be mentioned in the article</p> <p>- The researcher should clarify the Parasite Virulence.</p> <p>- It is necessary to include results for biochemical characteristics of Leishmania spp virulence factors. What is the application required in the article? It should be written?</p> <p>add references to the introduction:</p> <p>- Leishmania parasites cause human tegumentary and visceral infections that are commonly referred to as leishmaniasis. Despite the high incidence and prevalence of cases, leishmaniasis has been a neglected disease because it mainly affects developing countries. .</p> <p>[1] Silva-Almeida, M., Pereira, B.A.S., Ribeiro-Guimarães, M.L. et al. Proteinases as virulence factors in Leishmania spp. infection in mammals. Parasites Vectors 5, 160 (2012).</p> <p>[2] Akraa, M., Hasan, A. S., & Kadhim, M. J. H. (2020). Spectroscopy Characterization of Ethylene Vinyl Acetate Degradation by Different Kinds of Accelerated Aging. Baghdad Science Journal, 17(3), 0795-0795.</p> <p>[3] Habeeb, S. A., Hasan, A. S., Tălu, Ș., & Jawad, A. J. (2021). Enhancing the Properties of Styrene-Butadiene Rubber by Adding Borax Particles of Different Sizes. Iran. J. Chem. Chem. Eng. Research Article Vol, 40(5).</p> <p>[4] Hasan, A. S., Mohammed, F. Q., & Takz, M. M. (2020). Design and Synthesis of Graphene Oxide-Based Glass Substrate and Its Antimicrobial Activity Against MDR Bacterial Pathogens. Journal of Mechanical Engineering Research and Developments.</p> <p>- The shape and form of protozoan parasites are inextricably linked to their pathogenicity. The evolutionary pressure associated with establishing and maintaining an infection and transmission to vector or host has shaped parasite morphology. However, there is not a 'one size fits all' morphological solution to these different pressures, and parasites exhibit a range of different morphologies, reflecting the diversity of their complex life cycles. In this review, we will focus on the shape and form of Leishmania spp., a group of very successful protozoan parasites that cause a range of diseases from self-healing cutaneous leishmaniasis to visceral leishmaniasis, which is fatal if left untreated. .</p> <p>[4] Sunter, J., & Gull, K. (2017). Shape, form, function and Leishmania pathogenicity: from textbook descriptions to biological understanding. Open biology, 7(9), 170165..</p> <p>[5] Kadhim MH, Hasan AS, Akraa MA, Layla AY. Preparation and optimization of heterojunction donor (DLC)–acceptor (SI) as a solar cell by DFT and PLD. Journal of Ovonic Research Vol. 2021 May;17(3):273-81. .</p> <p>[6] Mohammed, F. Q., Edan, M. S., Hasan, A. S., & Haider, A. J. (2021). Synthesis and Theoretical Concepts of Boron Nitride Nanowires Grown on Nitrides Stainless Steel Surface by Hybrid Gas Phase Process. In Key Engineering Materials (Vol. 886, pp. 97-107). Trans Tech Publications Ltd.</p> <p>English of text must be revised.</p> <p>Focus on discussing findings with previous research consistent with findings</p>	
Minor REVISION comments	<p>- The search needs especially the introduction to language rework and Arrange the Abstract in a way that fits the results</p>	
Optional/General comments	<p>-The researcher should reformulate the sentences in terms of language integrity, as well as work on typesetting the research</p> <p>-Rewrite references.</p>	

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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)	

Reviewer Details:

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