

Review Form 3

Journal Name:	International Journal of Pathogen Research
Manuscript Number:	Ms_IJPR_126851
Title of the Manuscript:	THE IMPACT OF ANTIMICROBIAL RESISTANCE ON CO-INFECTIONS: MANAGEMENT STRATEGIES FOR HIV, TB, AND MALARIA.
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? 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.		
Are subsections and structure of the manuscript appropriate?		
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 minimum of 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -		

Review Form 3

<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p><u>Optional/General</u> comments</p>	<p>Since 1981-1982, the first cases of AIDS were described. It was only known that it was a disease that led to a global immunodeficiency that was complicated by certain opportunistic diseases. Over the years, new drug treatments and certain imaging and laboratory studies were discovered to investigate opportunistic diseases. The manuscript describes a problem that arises in daily medical activity in the treatment and monitoring of patients with HIV, as well as in the presence of tuberculosis or malaria. For this reason, HIV deserves special consideration with respect to other infectious pathologies in immunocompetent patients, because it has particular characteristics, such as, from an epidemiological point of view, it corresponds to a pandemic, it causes the patient a severe and global deficiency with cellular predominance and is complicated by opportunistic diseases with implications for morbidity and mortality. The virus has multiple mechanisms and the ability to continuously evade the immune system. Opportunistic infections usually appear with a CD4 cell count of less than 200 cells/microliter and even less than 50 cells/microliter. Severe depression of the immune status is not necessary for TB infection. To acquire opportunistic infections, the presence of several factors is required, such as the geographic area of residence, socioeconomic conditions, lifestyle, and reactivation of latent infections in the host. Reactivation of a latent infection in immunocompromised patients is frequent in tuberculosis, where their first infection was asymptomatic. These patients must be diagnosed and followed in suitable institutions, in a multidisciplinary manner and with teamwork. In both HIV-Tuberculosis and HIV-Malaria infection, HIV plays a crucial role in the immunosuppression of the patient as a predisposing factor, altering the host's response to these infections. Starting antimicrobial treatment late, abandoning, suspending or using second or third line drugs are factors that induce antimicrobial resistance. On the other hand, applying policies for improving health, quality of life, access and control of antimicrobial drug treatment reduces the possibility of creating resistance. I congratulate the author for developing this problem in a clear and simple way, addressing the different medical and social aspects and their impact on public health.</p>	

Review Form 3

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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