

Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_93338
Title of the Manuscript:	Sanitary Investigation on Microbial and Heavy Metals of grilled fish sold in the night street market of Daloa (Ivory Coast).
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.journaljamb.com/index.php/JAMB/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	<ol style="list-style-type: none"> Why did the authors take samples from these geographical regions? Please justify. Why did the authors not present the CFU for Salmonella sp. in Tables 1 and 2? Was it because it is not required according to the legislation applied for monitoring the microbial quality of foods? Please justify it in the manuscript. In discussion section (page 7), the authors stated, "For total and thermotolerant coliforms, the results were $4.1 \times 10^5 \pm 1.9$ and $3.4 \times 10^3 \pm 2.1$ CFU/g for seasoned grilled fish compared to $23 \times 10^2 \pm 1.2$ and 34.12 CFU/g for unseasoned grilled fish." Please revise the results presented here comparing to the ones presented in the tables above. Also, why did the authors present the results for total and thermotolerant coliforms for seasoned and unseasoned fish from different regions? Please uniform it. In conclusion (page 8), the authors should also discuss the findings regarding heavy metals. Also, the conclusion may benefit from discussing future perspectives on the subject, as well as preventive measures for microbial contamination and bioaccumulation of heavy metals of fish. 	
Minor REVISION comments	<ol style="list-style-type: none"> Please use the full name of bacteria when it is firstly cited in the manuscript. In this case, rewrite "<i>Staphylococcus aureus</i>". Consider using just one term "antibiotic resistance" or "antibiotic susceptibility". Define the abbreviation "CFU" when it first appears in the manuscript. Define the abbreviation "VRBL" and "VRBG" when they first appear in the manuscript. Did the authors used a control or blank in microbiological assays? Please indicate it. In table 1, please consider replacing "germs sought" by "germs counts" or "germs loads" for example. In Figure 1, delete the colon ":" after the abbreviations for the antibiotics tested placed in the y axis. Please consider rewriting the subtitle as "Concentration of heavy metals in seasoned and unseasoned grilled fish" (instead of "Mean concentration (mg/kg) of Pb, Zn, Cu, Cd and Hg in the tissues of the seasoned and unseasoned grilled fish"). In discussion section (page 7), the authors stated, "The presence of Enterobacteriaceae would be linked to the fecal contamination of water sources by warm-blooded animals." Provide at least one reference to support this statement. In discussion section (page 7), the authors also stated, "The high bacterial load observed in the seasoned grilled fish is thought to be due to the condiments (salad vegetables, tomatoes, onions, cucumbers, finely chopped) added for seasoning. This could be justified by post-contamination after cooking the fish by the vegetables." Provide at least one reference to support these statements. In discussion section (page 8), the authors stated, "...northwestern Spain (43.5%) (9, 33); but a low prevalence rate (19.8%) was reported in Korea (22). ...". What do these numbers "(9, 33)" and "(22)" mean? In discussion section (page 8), the authors stated, "The emergence of resistant strains is therefore becoming a public health concern for governments." Please consider discussing this topic in more detail. Revise the references according to the journal guidelines. In some references, full journal name is used, while in other references, the abbreviated journal name is stated. Please uniform them. 	
Optional/General comments	A word file with the manuscript is attached with some red marked revisions. Please consult it.	

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

Reviewer Details:

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