



SDI Review Form 1.6

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| Journal Name: | Journal of Advances in Microbiology |
| Manuscript Number: | Ms_JAMB_52606 |
| Title of the Manuscript: | Determination of Antibiotic Resistance Profile and Virulence Genes in Escherichia coli Isolates from Palestinian Patients |
| 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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) |
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| Compulsory REVISION comments | This is an interesting paper defining the distribution of T3SS, class 1, 2 and 3 integrons, some virulence factors (fyuA, papGIII, iutA and sfa/foc) and antibiotic resistance among <i>E. coli</i> isolates recovered from different clinical samples in Palestine. However I have some comments for authors. | |
| Minor REVISION comments | <p>Introduction section: is too long. If it is possible reduce it.</p> <p>Method section: selection criteria is important to ensure diversity of subset is reflective of the diversity of the population overall. How were the representative strains selected? What is the method used to confirm the identification?</p> <p>In results section report if there are correlations with the virulence factors and samples source. Report the data in a new table.</p> <p>In discussion section report the data correlated with the presence of the virulence factors and resistance in others regions add a reference: Fasciana et al. Virulence factors and antimicrobial resistance of Escherichia coli ST131 in community-onset healthcare-associated infections in sicily, Italy. (2017) Pharmacologyonline1(Special Issue), pp. 12-21 And Caruso et, Extra-intestinal fluoroquinolone-resistant Escherichia coli strains isolated from meat. (2018) BioMed Research International .</p> | |
| Optional/General comments | | |



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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) |
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| 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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| Name: | <i>Teresa Fasciana</i> |
| Department, University & Country | <i>University of Palermo, Italy</i> |