

PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

Manuscript NO: 55940

Title: Prevalence, serotyping and drug susceptibility patterns of Escherichia coli isolates from kidney transplanted patients with urinary tract infections

Reviewer's code: 03976790

Position: Editorial Board

Academic degree: DSc, PhD

Professional title: Emeritus Professor

Reviewer's Country/Territory: France

Author's Country/Territory: Iran

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Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-05-25 11:16

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Urinary tract bacterial infection with *Escherichia coli* is common in kidney transplant patients. The aim of this study was to estimate the prevalence of extended-spectrum β -lactamases (ESBL)-producing *E. coli*, and to identify the antibacterial susceptibility pattern of isolated bacteria. This study is interesting. Nevertheless, I have several remarks; Page 2: Materials and Methods, Setting and Samples: specify that the 60 isolates come from 60 different patients; specify the number of males and females. Specify the age range. Page 3: Detection of ESBLs: write “*K. pneumonia*” in full (*Klebsiella pneumoniae*?) Page 3: Summarize the different methods used, even if they have been published previously: - AST was performed by the disk diffusion method on Mueller-Hinton agar - The serotyping of *E. coli* isolates (based on antigen O) was done using the slide agglutination method according to the previously described method - DNA was extracted as previously described - Page 3: “Antimicrobial susceptibility testing (AST)”: for each reagent, give the name of the firm where it has been purchased and the reference Page 3: Results: AST: “All of the 60 *E. coli* were found to be susceptible to doripenem...” specify “All of the 60 *E. coli* isolates were found to be susceptible to doripenem...”