

PEER-REVIEW REPORT

Name of journal: *World Journal of Experimental Medicine*

Manuscript NO: 86938

Title: In vitro study on the transmission of multidrug-resistant bacteria from textiles to pig skin

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04279936

Position: Associate Editor

Academic degree: PhD

Professional title: Academic Research, Professor

Reviewer's Country/Territory: France

Author's Country/Territory: Cyprus

Manuscript submission date: 2023-07-17

Reviewer chosen by: Geng-Long Liu (Quit 2023)

Reviewer accepted review: 2023-08-25 08:24

Reviewer performed review: 2023-08-27 10:10

Review time: 2 Days and 1 Hour

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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

The authors discuss in this paper the spectrum of bacterial diffusion and transmission on the skin through textile fabrics. The title reflects the content with a well-elucidated text and a structured methodology consolidated with correct bibliographic citations. Discussion of data from experimental observations reflects the logic quality of the analysis way and comparative approach adopted by the authors with a convergence towards a clinically satisfactory conclusion. As an external observer, I invite the authors to improve the form of the paper by transferring the part (The findings of our study... of bacteria) in the Discussion (§) in the Introduction and to shed light on their results by highlighting the remaining part from the (The survival ability...)

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Peer-review model: Single blind

Reviewer's code: 03896270

Position: Peer Reviewer

Academic degree: MD, MSc, PhD

Professional title: Attending Doctor, Research Assistant Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Cyprus

Manuscript submission date: 2023-07-17

Reviewer chosen by: Geng-Long Liu (Quit 2023)

Reviewer accepted review: 2023-08-30 07:12

Reviewer performed review: 2023-09-07 01:45

Review time: 7 Days and 18 Hours

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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 type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" 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

Thank you for the possibility to review this manuscript entitled "In Vitro Study on the Transmission of Multidrug-Resistant Bacteria from Textiles to Pig Skin". The authors are investigating the the presence, survival and transmission of different multidrug-resistant bacteria (MDRB) from HCP attire onto skin. However, the content of the paper is not novel enough. In terms of experimental design, this study lacks the identification report of each microflora.

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Peer-review model: Single blind

Reviewer's code: 05382254

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor, Associate Chief Physician, Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Cyprus

Manuscript submission date: 2023-07-17

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-09-14 04:01

Reviewer performed review: 2023-09-16 14:02

Review time: 2 Days and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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Re-review	<input checked="" type="checkbox"/> Yes <input 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

Lena P et al. examine a real-world problem that is more prevalent and very relevant. The authors are clear and logical. The article is well structured, methodical and well argued. There are a few shortcomings: 1. Existence refers to an objective fact that is already there, whereas the MDRB in this article were artificially inoculated onto textiles by the authors. Therefore, it is suggested that the authors should amend the words "presence" and "survival" in the text. 2. "All MDRB were able to be sustained and transferred to skin, but at different concentrations and time." Please briefly explain the reasons for the "different concentrations and time" and the implications for the real world. 3. Please refer to the journal guidelines for the format of the references.