

PEER-REVIEW REPORT

Name of journal: *World Journal of Biological Chemistry*

Manuscript NO: 78425

Title: Marine biological injuries and their medical management: A narrative review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05699643

Position: Peer Reviewer

Academic degree: MSc, PhD

Professional title: Academic Fellow, Associate Professor

Reviewer's Country/Territory: Czech Republic

Author's Country/Territory: China

Manuscript submission date: 2022-06-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-29 05:20

Reviewer performed review: 2022-07-04 08:58

Review time: 5 Days and 3 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Paper presents a review on an important topic related to marine based biological injuries. I think paper is of general interest to the community, however, as a review paper I suggest more extensive review (number of references, i.e., 34, included in this study is insufficient for review). I suggest reviewer to enhance the review to account for more studies (at least 80 or more references should be given) and provide in deep review.

PEER-REVIEW REPORT

Name of journal: *World Journal of Biological Chemistry*

Manuscript NO: 78425

Title: Marine biological injuries and their medical management: A narrative review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05236189

Position: Editorial Board

Academic degree: MD

Professional title: Academic Research, Adjunct Associate Professor, Research Associate

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2022-06-27

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-09-02 17:01

Reviewer performed review: 2022-09-02 17:35

Review time: 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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1. The title should mention the review type. E.g., narrative review. 2. The authors should improve the abstract. In the majority of the indexations, only the abstract is provided. Include more specific information. Describe the main findings. Describe methodology. 3. Revise the keywords section. Search for descriptors on this website: <https://decs.bvsalud.org/I/homepagei.htm> 4. Provide a reference for: "Marine biological injuries can be roughly divided into marine microbial infection" 5. A section regarding the methodology of the present manuscript should be provided. 6. Table 1 is interesting to provide the total number of reports throughout the time. 7. There are some mistypings throughout the manuscript. E.g., letters and spaces. 8. There are some grammatical errors throughout the manuscript. Could the authors provide a video abstract? Could the authors provide examples (photos, figures) of the different types of injuries? Could the authors provide a table with the different types of injury, epidemiology, clinical tips, and management?

PEER-REVIEW REPORT

Name of journal: *World Journal of Biological Chemistry*

Manuscript NO: 78425

Title: Marine biological injuries and their medical management: A narrative review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05673135

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Switzerland

Author's Country/Territory: China

Manuscript submission date: 2022-06-27

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-09-01 16:36

Reviewer performed review: 2022-09-12 20:04

Review time: 11 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Comments: The stated aim of this review was to classify marine biological injuries, describe injury characteristics from marine microbial infection, marine animal claw stab injury, and marine animal bites, and summarize the prevention and treatment of major marine biological injuries in Chinese sea areas. On the contrary, the title implies (and the conclusion supports this) that the review intended to focus on research that has been and is currently underway on the extent of marine biological injuries and treatment strategies. However, it does not state that it is limited to any geographical area. Unfortunately, the review does not accomplish this objective as it focuses principally on classification and descriptions of current treatment options. The review is not systematically conducted or presented. It seems more like a textbook of marine injuries rather than a summary of current research projects/activities. Little is presented on the disease burden or epidemiology (geographical distribution, morbidity, mortality, etc.). It would be more interesting to explain how important/relevant this topic is to the Chinese Navy (incidence and prevalence rates), what is being done to investigate these injuries, and what promising prevention or treatment strategies are being investigated. If no research is being done, then perhaps the authors can attempt to explain the reasons why or propose a realistic way to overcome this or at least propose a research agenda with priorities. A more structured format for presenting the various types of injuries, etc. would be helpful. The English writing is poor and requires major revisions. In its current state, the paper is not publishable.