

PEER-REVIEW REPORT

Name of journal: World Journal of Methodology

Manuscript NO: 63777

Title: IgY Technology: Methods of developing and evaluating avian immunoglobulins for the in vitro detection of biomolecules

Reviewer's code: 02445884

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Romania

Author's Country/Territory: Greece

Manuscript submission date: 2021-02-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-10 01:48

Reviewer performed review: 2021-05-16 06:02

Review time: 6 Days and 4 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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



**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

SPECIFIC COMMENTS TO AUTHORS

Specific comments to authors: The paper entitled Methods of developing and evaluating avian immunoglobulins for the in vitro detection of biomolecules by Karachaliou C-E et al. is a comprehensive review that outlines the main characteristics of IgY and their appending methods used for isolation and further use. I would suggest some minor improvements as follows: · Please replace “B-derived plasma cells” with “plasma cells” as it is a pleonasm and there are only plasma cells derived from other cells. · Some minor comments regarding punctuations or miss-spelling (e.g. Bursa of Fabricius should be replaced with bursa of Fabricius). · At page 12 please delete (Akita & Nakai 1993) from the text and leave only the references. · At page 23 please divide the references in the phrase “According to experimental results of ours and others’ [26, 120, 122],..” in your and for others.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Romania

Author's Country/Territory: Greece

Manuscript submission date: 2021-02-04

Reviewer chosen by: Han Zhang (Online Science Editor)

Reviewer accepted review: 2021-06-17 13:50

Reviewer performed review: 2021-06-17 13:53

Review time: 1 Hour

Scientific quality	<input checked="" 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 type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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

Authors have corrected all the raised issues.