

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64203

Title: Biomarkers in autoimmune pancreatitis and IgG4-related disease

Reviewer's code: 03726743

Position: Editorial Board

Academic degree: FACP, MD, PhD

Professional title: Associate Professor, Director

Reviewer's Country/Territory: United States

Author's Country/Territory: Japan

Manuscript submission date: 2021-02-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-12 22:50

Reviewer performed review: 2021-02-12 23:27

Review time: 1 Hour

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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input checked="" 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

The Frontiers manuscript “Biomarkers in autoimmune pancreatitis and IgG4-related disease” is overall well-written and an important work. My minor suggestions/comments are as follows: -The sentence “AIP and IgG4-RD are newly established disease entities proposed by Japanese physicians[2-4].” in the conclusion section seems out of place and of questionable value; please consider deleting/heavily revising. -I would strongly suggest adding an algorithm (e.g. for the diagnostic workup of possible/suspected AIP) as a clinically useful figure. This is particularly important in those who have normal or only minimally elevated serum IgG4 levels (can pose a diagnostic conundrum).

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64203

Title: Biomarkers in autoimmune pancreatitis and IgG4-related disease

Reviewer's code: 05429607

Position: Peer Reviewer

Academic degree: MD

Professional title: Academic Fellow, Doctor

Reviewer's Country/Territory: Lithuania

Author's Country/Territory: Japan

Manuscript submission date: 2021-02-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-11 06:43

Reviewer performed review: 2021-02-14 12:21

Review time: 3 Days and 5 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 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 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 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

Dear authors, First of all, thank you for submitting your manuscript to the World Journal of Gastroenterology. Congratulations on writing an interesting, comprehensive and fluent article. IgG4-RD is a newly recognised disease, information about its diagnostic markers is lacking. The manuscript contains the newest data about existing biomarkers and pathogenesis. It would be clearer and more memorable if you summarized the existing biomarkers in the table and provide some illustrative components while discussing pathogenesis.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64203

Title: Biomarkers in autoimmune pancreatitis and IgG4-related disease

Reviewer's code: 03726743

Position: Editorial Board

Academic degree: FACP, MD, PhD

Professional title: Associate Professor, Director

Reviewer's Country/Territory: United States

Author's Country/Territory: Japan

Manuscript submission date: 2021-02-11

Reviewer chosen by: Man Liu

Reviewer accepted review: 2021-03-22 15:33

Reviewer performed review: 2021-03-22 16:18

Review time: 1 Hour

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
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Overall the manuscript is well written and addresses an important topic. It is



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<https://www.wjgnet.com>

applicable/salient for clinicians and researchers. No major concerns. Some of the phrasing may be revised for attention to detail, objectivity, and accuracy. For instance, "Autoimmune pancreatitis (AIP) and immunoglobulin G4-related disease (IgG4-RD) are new disease entities characterized by enhanced IgG4 antibody responses."; are these really "new disease entities", or are they "recently recognized"?