

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 47060

**Title:** Autoimmune hepatitis and IgG4-related disease

**Reviewer's code:** 02708103

**Reviewer's country:** Spain

**Science editor:** Ruo-Yu Ma

**Reviewer accepted review:** 2019-03-08 08:58

**Reviewer performed review:** 2019-03-12 12:10

**Review time:** 4 Days and 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

IgG4-RD is a field of considerable interest with a growing number of publications during the past years involving many organs and tissues, but the real impact in liver diseases is poorly known. The authors have made an effort to update the most recent findings in this field. Unfortunately, diagnosis of IgG4- "autoimmune-like hepatitis" is uncommon



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and the few cases described in the literature are somehow contradictory, as stated in this review. It continues being difficult to distinguish IgG4-related liver disease from the classical autoimmune hepatitis (AIH). There are very few studies with very few cases and the interpretation of the results presented is not conclusive. It seems that IgG4-RD does not have a big impact in the liver, as extracted from the few publications in this field or it is an unexplored field. Despite the few published data, this review is an interesting update, based in 5 recent studies where the authors claimed to have identified a subclass of AIH, called IgG4-AIH, based on the presence of a higher number of IgG4-plasma cells in biopsy compared with classical AIH biopsies. It is well written and organized.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 47060

**Title:** Autoimmune hepatitis and IgG4-related disease

**Reviewer's code:** 03821682

**Reviewer's country:** China

**Science editor:** Ruo-Yu Ma

**Reviewer accepted review:** 2019-04-05 01:59

**Reviewer performed review:** 2019-04-05 02:54

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

IgG4-associated autoimmune hepatitis (IgG4-AIH) is a new disease entity characterized by the infiltration of IgG4-positive plasma cells in the liver. It is extremely rare and is not fully clear whether IgG4-AIH is a hepatic manifestation of IgG4-related disease (IgG4-RD) or a subtype of autoimmune hepatitis (AIH). The authors in this review try to clarify



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clinical characteristics of IgG4-AIH by comparison with classical AIH and discuss whether IgG4-AIH should be considered as a subtype of AIH or as hepatic involvement of systemic IgG4-RD. It's really well organized and written.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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- ☒ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 47060

**Title:** Autoimmune hepatitis and IgG4-related disease

**Reviewer's code:** 03477256

**Reviewer's country:** Germany

**Science editor:** Ruo-Yu Ma

**Reviewer accepted review:** 2019-04-04 10:12

**Reviewer performed review:** 2019-04-05 13:57

**Review time:** 1 Day and 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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### SPECIFIC COMMENTS TO AUTHORS

The authors should comment on the following questions: 1. Can it be helpful to check HLA-Status to differentiate between IgG4-hepatitis and AIH ? 2. Are overlap-syndroms to PSC oder PBC possible ? 3. Does IgG4-hepatitis respond well to azathioprine ?



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