

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**Manuscript NO:** 64886

**Title:** Autoimmune hepatitis in genetic syndromes: A literature review

**Reviewer's code:** 02569794

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Thailand

**Author's Country/Territory:** Italy

**Manuscript submission date:** 2021-02-24

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-15 08:44

**Reviewer performed review:** 2021-04-15 10:01

**Review time:** 1 Hour

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

This manuscript is highly significant in that a better knowledge about specific genetic syndromes related to AIH is important in the clinical management of patients in the near future. The manuscript also draws attention from researchers/physician scientists in the field of hepatology and autoimmunology to investigate the AIH and its related clinical manifestation as well as the clinical comorbid and being or not associated with genetic syndrome. All would lead to an early diagnosis and proper management as stated in the manuscript. Immune response is also a probable factor particularly T cells (Cardon et al., 2021 CURRENT OPINION IN GASTROENTEROLOGY). Please consider to add commentary with information on the immune response in terms of T cells (pathogenic T cells, regulatory T cells, and their cytokines) as to cover more about the understanding on autoimmunity commonly found in AIH. This would help also to fulfill the aim of the manuscript for the proper management of AIH and future research, all of which is related to the etiology of autoimmunity in general.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**Manuscript NO:** 64886

**Title:** Autoimmune hepatitis in genetic syndromes: A literature review

**Reviewer's code:** 00503405

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Senior Lecturer, Senior Scientist

**Reviewer's Country/Territory:** Hungary

**Author's Country/Territory:** Italy

**Manuscript submission date:** 2021-02-24

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-15 04:36

**Reviewer performed review:** 2021-04-18 19:52

**Review time:** 3 Days and 15 Hours

<b>Scientific quality</b>	[ <input checked="" type="radio"/> ] Grade A: Excellent [ <input type="radio"/> ] Grade B: Very good [ <input type="radio"/> ] Grade C: Good [ <input type="radio"/> ] Grade D: Fair [ <input type="radio"/> ] Grade E: Do not publish
<b>Language quality</b>	[ <input checked="" type="radio"/> ] Grade A: Priority publishing [ <input type="radio"/> ] Grade B: Minor language polishing [ <input type="radio"/> ] Grade C: A great deal of language polishing [ <input type="radio"/> ] Grade D: Rejection
<b>Conclusion</b>	[ <input checked="" type="radio"/> ] Accept (High priority) [ <input type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Re-review</b>	[ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No



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#### **SPECIFIC COMMENTS TO AUTHORS**

In the systematic review of Capra et al. the authors aimed to summarize current knowledge between genetic syndromes and occurrence of autoimmune hepatitides (AIHs) using the Pubmed scientific search engine for finding relevant reports published in the last decade. The systematic review is well designed, well written, and well presented. The authors not just list the genetic syndromes, but established a meaningful classificatory system for genetic syndrome-associated AIHs. They also provide an explanation (where possible) for the occurrence of AIH in the given genetic disorder. The authors point out that in the case of genetic diseases, it is also necessary to monitor the occurrence of AIHs so that treatment can be started as soon as possible in the presence of otherwise high-mortality liver diseases. I suggest to accept this excellent review for publication in WJH.