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## PEER-REVIEW REPORT

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

**Manuscript NO:** 52854

**Title:** Role of Spleen Tyrosine Kinase in Liver Diseases

**Reviewer's code:** 00503623

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's country:** United States

**Author's country:** Netherlands

**Manuscript submission date:** 2019-11-29

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2019-12-02 15:18

**Reviewer performed review:** 2019-12-02 16:39

**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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input 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 checked="" 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

This manuscript provides the review of the role of tyrosine kinase, Syk, in the pathogenesis of liver diseases, including liver fibrosis, viral hepatitis, ALD, NASH, and HCC. Moreover, the section on Syk inhibitors provides some insights into the possible therapeutic intervention in Syk activation associated with inflammatory and autoimmune disorders. However, it should be noted that the section on Syk signaling mechanism provides the outdated picture of the kinase activation. This is particularly striking, since recent literature data on Syk clearly point to the role of Syk phosphorylation on Tyr as well as Ser in affecting the kinase signaling potential. Hence, before any further consideration the authors should review and discuss the following papers (J. Biosci. Med.2018, 6(3):70-85; Inflammopharmacology 2018, 26:805-815. Moreover, the current model of Syk signaling mechanism is provided in Fig. 3, of the recent paper (Inflammopharmacology 2019, 27: 203-211.

## **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:** 52854

**Title:** Role of Spleen Tyrosine Kinase in Liver Diseases

**Reviewer's code:** 00646357

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's country:** Egypt

**Author's country:** Netherlands

**Manuscript submission date:** 2019-11-29

**Reviewer chosen by:** Jin-Zhou Tang

**Reviewer accepted review:** 2019-12-27 07:15

**Reviewer performed review:** 2019-12-31 04:43

**Review time:** 3 Days and 21 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 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 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 checked="" 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

-Add the unique of this study compared to other studies discuss the same issue. -Add more on the basic of this disease in the introduction -Discus role of imaging using these ref -Razek AA, Massoud SM, Azziz MR,et al. Prediction of esophageal varices in cirrhotic patients with apparent diffusion coefficient of the spleen. Abdom Imaging 2015;40:1465-9. -Razek AA, Khashaba M, Abdalla A, et al. Apparent diffusion coefficient value of hepatic fibrosis and inflammation in children with chronic hepatitis. Radiol Med 2014;119:903-9. -Razek AA, Abdalla A, Omran E, et al. Diagnosis and quantification of hepatic fibrosis in children with diffusion weighted MR imaging. Eur J Radiol 2011;78:129-34. -English language correction through the manuscript -Update of references as most of references are old using these ref Besheer T, Elalfy H, Abd El-Maksoud M, et al. Diffusion-weighted magnetic resonance imaging and micro-RNA in the diagnosis of hepatic fibrosis in chronic hepatitis C virus. World J Gastroenterol 2019;25:1366-1377.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

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- ☐ No

### *BPG Search:*

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No