

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pathophysiology

Manuscript NO: 48183

Title: Comparison of cytokine and phosphoprotein profiles in idiopathic and Crohn's disease-related perianal fistula

Reviewer's code: 04025483

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's country: Germany

Author's country: United Kingdom

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2019-08-05 11:25

Reviewer performed review: 2019-08-14 14:27

Review time: 9 Days and 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this work, Haddow and co-workers systematically compared the expression profile of a large panel of cytokines and phosphorylated proteins in idiopathic fistulae and those related to Crohn's disease. For this purpose, 61 patients undergoing surgery for perianal fistula were prospectively recruited, of them 13 with CD related fistula. Biopsies of the fistula tract, granulation tissue, internal opening mucosa and rectal mucosa were obtained at surgery and absolute concentrations of 30 cytokines and 39 phosphoproteins were measured in each biopsy. As their major finding, the authors observed that the IL-12p70 concentration at the internal opening specimen site was significantly higher in CD-related fistula while the majority of cytokines and phosphoproteins were unaltered between CD-related and idiopathic fistula. Minor concerns $P \leq 0.01$ where multiple comparisons were made: This is unclear. Typically, p-value used in multiple testing is a feature of the number of statistical tests performed. Please clarify which correction for multiple testing was performed (e.g. Bonferroni, Benjamin-Hochberg,...) Please indicate where negative and positive control are on each microarray. Conclusions: "Overall, the results of this study do not support the hypothesis that the pathoimmunology of idiopathic and CD-related fistula substantially differ." R: the authors should tune down their conclusions given the limitations of this study (which are appropriately discussed by the authors themselves). For now, the authors should leave it to the conclusion that idiopathic and CD-related fistula do not differ in expression of a large panel of cytokines.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism



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7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
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[Y] No

BPG Search:

[] The same title

[] Duplicate publication

[] Plagiarism

[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pathophysiology

Manuscript NO: 48183

Title: Comparison of cytokine and phosphoprotein profiles in idiopathic and Crohn's disease-related perianal fistula

Reviewer's code: 04429838

Position: Editorial Board

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's country: Iran

Author's country: United Kingdom

Reviewer chosen by: Ruo-Yu Ma

Reviewer accepted review: 2019-08-20 19:26

Reviewer performed review: 2019-08-31 05:36

Review time: 10 Days and 10 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 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 checked="" type="checkbox"/> Minor revision	topic of the manuscript:
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS



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Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
E-mail: bpgoffice@wjgnet.com
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The manuscript entitle " Comparison of cytokine and phosphoprotein profiles in idiopathic and Crohn's disease-related perianal fistula" reviewed. - Check the whole manuscript for grammatical and typical mistakes. Authors add some points about treatments in introduction part. - Title: is suitable and reflect the main subject. - Abstract: summarized the work and is suitable. - Key words: suitable. - Background: It is better to revise the sentences in background and aim of abstract part. - Methods: Authors should add references for cytokine quantification and Phosphoprotein Quantification in method and material part. - Results: is suitable. - Discussion:suitable. - Illustrations and tables: please add abbreviations of tables and figure in the legends. - References: It is better to update the references and use newer reference.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

BPG Search:

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- ☐ No