



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54450

Title: Ethnic differences in genetic polymorphism associated with irritable bowel syndrome

Reviewer’s code: 03887097

Position: Editorial Board

Academic degree: MBBS, MSc

Professional title: Doctor

Reviewer’s Country/Territory: Singapore

Author’s Country/Territory: China

Manuscript submission date: 2020-01-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-02-01 15:46

Reviewer performed review: 2020-02-04 12:35

Review time: 2 Days and 20 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 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



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SPECIFIC COMMENTS TO AUTHORS

1. A lot of the content in this paper builds on that of an earlier review published in 2014. The earlier paper should be properly referenced (citation: [ncbi.nlm.nih.gov/pmc/articles/PMC4273120](https://pubmed.ncbi.nlm.nih.gov/273120/)). 2. Please change "IBS is one of functional gastrointestinal (GI) disorders" to "IBS is a functional gastrointestinal (GI) disorder". 3. "The development and progression of IBS include several different mechanisms, such as gut-brain axis, GI dysmotility, inflammation and immunological activation, etc." This requires at least a citation. Suggest authors to cite a recent review on the role of inflammation in IBS (citation: [ncbi.nlm.nih.gov/pmc/articles/PMC6159811](https://pubmed.ncbi.nlm.nih.gov/36159811/)). This is relevant to the discussion on the potential etiopathogenesis of IBS. 4. Please change "for readers to picture an overall view towards potential ethnic impacts in related genetic studies" to "for readers to get an overview of the potential ethnic differences in genetic polymorphism associated with IBS". 5. "which certainly requires more concerns" - although the authors repeatedly assert that genetic polymorphisms associated with IBS deserve further concern, this remains unsubstantiated with clear evidence. What is lacking is a fundamental understanding of the mechanisms on how genetics may determine the clinical manifestations and therapeutic responses to subset of IBS patients.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54450

Title: Ethnic differences in genetic polymorphism associated with irritable bowel syndrome

Reviewer's code: 00643598

Position: Editorial Board

Academic degree: BSc, MSc, PhD

Professional title: Senior Researcher

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-01-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-01-31 15:21

Reviewer performed review: 2020-02-04 15:52

Review time: 4 Days

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 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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

In this review the authors evaluated studies focusing on irritable bowel syndrome (IBS)-associated single nucleotide polymorphisms (SNPs) and investigated ethnic disparities revealed by them. In the text all acronyms should be explained. See for example at the beginning of Introduction "IBS". This is a narrative review, however should specify a general methodology of literature research (for example medline from....to.; key words...). When the authors discussed "GENETIC POLYMORPHISMS IN MUCOSAL IMMUNE/ INFLAMMATORY ACTIVATION" a focus on microbiota and polymorphisms should be done. Microbiota is an issue that is reported always when the pathogenesis of IBS is discussed (please see and report 1) Altered profiles of fecal metabolites correlate with visceral hypersensitivity and may contribute to symptom severity of diarrhea-predominant irritable bowel syndrome. by Zhang WX et al. World J Gastroenterol. 2019 Nov 21;25(43):6416-6429. 2) Irritable bowel syndrome: the clinical approach. by Adriani A et al. Panminerva Med. 2018 Dec;60(4):213-222. In case of lacking data this should be highlighted. Hence, could a particular polymorphism influence microbiota composition and IBS?

INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54450

Title: Ethnic differences in genetic polymorphism associated with irritable bowel syndrome

Reviewer’s code: 02941507

Position: Editorial Board

Academic degree: FACG, FEBG, MD, PhD

Professional title: Associate Professor, Staff Physician

Reviewer’s Country/Territory: Greece

Author’s Country/Territory: China

Manuscript submission date: 2020-01-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-02-01 10:23

Reviewer performed review: 2020-02-06 17:58

Review time: 5 Days and 7 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	<input type="checkbox"/> (High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> (General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	<input type="checkbox"/> language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
<input type="checkbox"/> publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

An excellent review regarding Ethnic Differences in Genetic Polymorphism Associated with Irritable Bowel Syndrome. Every part of the review including the graphics and the table is perfect. A minor suggestion: A list with the abbreviations used in the paper might be useful for the readers.

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