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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 5734
Title: Molecular Basis of the Irritable Bowel Syndrome
Reviewer code: 01801246
Science editor: Gou, Su-Xin
Date sent for review: 2013-09-25 11:24
Date reviewed: 2013-09-25 15:13

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[ ] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[Y] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	[ ]Rejection
[ ] Grade D (Fair)	[ ] Grade D: rejected	BPG Search:	[Y] Minor revision
[ ] Grade E (Poor)		[ ] Existed	[ ] Major revision
		[ ] No records	

COMMENTS TO AUTHORS
I think the manuscript is well-written on potential pathological factors in IBS. However, it seems that the authors' statement is unclear in the present paper. Comment 1. How do the factors authors focused in the current manuscript contribute to pathophysiology of IBS? Please provide the figure(s) for readers to understand clearly. Comment 2. The findings of genetics in IBS are miscellaneous and somewhat complicated on pages 4-8. Please provide table(s) to summarize the previous findings of genetic studies in IBS. Comment 3. Authors did not mention any future directions/clinical implications in the conclusion part on page 11. Comment 4. Now that Rome III diagnostic criteria is widely used, "D-IBS" should be "IBS-D" (IBS with diarrhea) on page 3. IBS with constipation (IBS-C) and mixed IBS (IBS-M) should also be used. Comment 5. Effect of FODMAP diet for IBS should be discussed in the part of DIET, NUTRIGENOMICS/NUTRIGENETICS AND IBS on page 10.

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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 5734
Title: Molecular Basis of the Irritable Bowel Syndrome
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[ ] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[Y] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[Y] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

Nice review article focused on the genetics in IBS. Accordingly the title should reflect the focus of the article. I would add genetic changes involving the endocannabinoid system . Key references include: 1: Camilleri M, Kolar GJ, Vazquez-Roque MI, Carlson P, Burton DD, Zinsmeister AR. Cannabinoid receptor 1 gene and irritable bowel syndrome: phenotype and quantitative traits. Am J Physiol Gastrointest Liver Physiol. 2013 Mar 1;304(5):G553-60. doi: 10.1152/ajpgi.00376.2012. 2: Camilleri M, Katzka DA. Irritable bowel syndrome: methods, mechanisms, and pathophysiology. Genetic epidemiology and pharmacogenetics in irritable bowel syndrome. Am J Physiol Gastrointest Liver Physiol. 2012 May 15;302(10):G1075-84. doi: 10.1152/ajpgi.00537.2011. 3: Wong BS, Camilleri M, Eckert D, Carlson P, Ryks M, Burton D, Zinsmeister AR. Randomized pharmacodynamic and pharmacogenetic trial of dronabinol effects on colon transit in irritable bowel syndrome-diarrhea. Neurogastroenterol Motil. 2012 Apr;24(4):358-e169. 4: Wong BS, Camilleri M, Busciglio I, Carlson P, Szarka LA, Burton D, Zinsmeister AR. Pharmacogenetic trial of a cannabinoid agonist shows reduced fasting colonic motility in patients with nonconstipated irritable bowel syndrome. Gastroenterology. 2011 Nov;141(5):1638-47.e1-7. 5: Park JM, Choi MG, Cho YK, Lee IS, Kim SW, Choi KY, Chung IS. Cannabinoid receptor 1 gene polymorphism and irritable bowel syndrome in the Korean population: a hypothesis-generating study. J Clin Gastroenterol. 2011 Jan;45(1):45-9.

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ESPS Peer-review Report
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	[ ]Rejection
[ ] Grade D (Fair)	[ ] Grade D: rejected	BPG Search:	[Y] Minor revision
[ ] Grade E (Poor)		[ ] Existed	[ ] Major revision
		[ ] No records	

COMMENTS TO AUTHORS
1) GENERAL THE AUTHORS PRESENT A CONCISE ARTICLE, WITH PRECIOUS INFORMATION SUBMITTED PROPERLY AND THAT MAY ASSIST THE READERS WHO WOULD LIKE TO START OR PROBE YOUR STUDIES IN THIS FIELD. I'M NOT A NATIVE, BUT THE ENGLHIS SEEMS PROPER. 2) INTRODUCTION IN THE SECOND PARAGRAPH I SUGGEST "M-IBS." THE THIRD AND SECOND PARAGRAPH CONTAINS A SINGLE IDEA. THEREFORE SHOULD NOT BE SEPARATED. REFERENCES ARE RECENT AND RELEVANT. ABSTRACT AT FIRST LINE OF THE ABSTRACT I SUGGEST “BOWEL SYNDROME IRRITABLE (IBS)”. CHECK THE POSSIBILITY OF AVOIDING ABBREVIATIONS IN THIS SECTION.

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ESPS Peer-review Report
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Science editor: Gou, Su-Xin
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[Y] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
This is an interesting and nice review on molecular basis in IBS. The paper is well written and easy to read even for a person non familiar with genetics. I have only one minor comment: the sentence page 9 "Another group hypothesized...." is not clear. It seems to me that a verb is missing. Please rewrite.