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Flat C, 23/F., Lucky Plaza,
315-321 Lockhart Road,
Wan Chai, Hong Kong, China

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9821

Title: Irritable Bowel Syndrome: A Microbiome-Gut-Brain Axis Disorder?

Reviewer code: 00004011

Science editor: Qi, Yuan

Date sent for review: 2014-03-01 20:01

Date reviewed: 2014-03-05 14:16

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

It is a well-written and very well documented manuscript



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9821

Title: Irritable Bowel Syndrome: A Microbiome-Gut-Brain Axis Disorder?

Reviewer code: 02462691

Science editor: Qi, Yuan

Date sent for review: 2014-03-01 20:01

Date reviewed: 2014-03-12 23:23

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

There is emerging evidence for irritable bowel syndrome, and possibly other functional gastrointestinal diseases including functional dyspepsia and constipation, where serious cross-talk occurs between microbiota, gut and the brain. The current review is comprehensive providing recent knowledge and insights in this area. I would add "autonomic" function into the list besides motor, sensory and secretory functions (page 2, section "The Microbiome-Gut-Brain Axis"). Also do check for typo errors, for example page 14, last sentence and page 15, sentence 2. For figures, would need to quote the sources where available. For Table 1, it will be easier to follow if the quoted references are mentioned sequentially rather than randomly. Also for Table 1, legend should be provided for abbreviations not explained in text, for example DGGE. For Table 2, change the label "Study" to "Reference" for consistency.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9821

Title: Irritable Bowel Syndrome: A Microbiome-Gut-Brain Axis Disorder?

Reviewer code: 00185965

Science editor: Qi, Yuan

Date sent for review: 2014-03-01 20:01

Date reviewed: 2014-03-14 04:37

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

COMMENTS TO AUTHORS

Great paper! I really enjoyed reading the manuscript. Excellent literature overview with sufficient amount of data in the all aspects of important microbiome-IBS field. I have just minor comments. Maybe I'm wrong but there are several point s where abbreviations are not explained after first use: 1.page 9 NMDA 2. page 11 HPA, TSST 3. page 15 GABA and GPR 41



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9821

Title: Irritable Bowel Syndrome: A Microbiome-Gut-Brain Axis Disorder?

Reviewer code: 01557050

Science editor: Qi, Yuan

Date sent for review: 2014-03-01 20:01

Date reviewed: 2014-03-14 21:36

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

1) General comments Kennedy et al. described Irritable Bowel Syndrome: A Microbiome-Gut-Brain Axis Disorder? The article is informative and well-presented. The reviewer has no comments.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9821

Title: Irritable Bowel Syndrome: A Microbiome-Gut-Brain Axis Disorder?

Reviewer code: 02531403

Science editor: Qi, Yuan

Date sent for review: 2014-03-01 20:01

Date reviewed: 2014-03-21 16:27

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

I read with interest this review, exhaustively well written and illustrated, about an interesting and emerging topic. Congratulations to the authors for the accuracy employed in organizing the work!



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9821

Title: Irritable Bowel Syndrome: A Microbiome-Gut-Brain Axis Disorder?

Reviewer code: 00029592

Science editor: Qi, Yuan

Date sent for review: 2014-03-01 20:01

Date reviewed: 2014-03-23 05:01

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
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<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This is a very interesting paper which deals with several hypothesis and probable correlations between brain gut axis and alterations of intestinal microbiota. Till now we have only hypothesized mechanisms but they are quite well exposed. The authors underline very wisely that these hypotheses will have to be corroborated by further studies and a lot of work has to be done, but the paper itself offers some very good suggestions on which research could be addressed"