

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 63668

Title: Diet and microbiome in the beginning of the sequence of gut inflammation

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04091933

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Senior Researcher

Reviewer's Country/Territory: Russia

Author's Country/Territory: Spain

Manuscript submission date: 2021-04-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-19 07:42

Reviewer performed review: 2021-04-29 23:02

Review time: 10 Days and 15 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The topic of the manuscript is very relevant, but despite a good overview of diets, information on the microbiome in IBD is fragmentary, contains many errors, typos, and inaccuracies. A few examples: a) incorrect description of enterotypes as relative dominance of Bacteroidetes, Prevotella, or Firmicutes (in fact, according to the original source, these are Bacteroides (enterotype 1), Prevotella (enterotype 2), or Ruminococcus (enterotype 3) predominance); b) the false statement of 'SCFA-producing Bifidobacterium' (in fact, they produce acetate and lactate, but not butyrate or propionate); c) incorrect terms such as Proteobacterium, Bacteroids, Eubacteria; d) incorrect use of italics for all taxa; etc. The illustrations and captions almost completely copy the original illustrations (permission may be required). Table 1 provides distorted and incomplete information from the original source. The publication will only be possible after a major revision of the sections dealing with microbiota. It may be worth involving a microbiota expert in the revision of the manuscript.