

Reviewer #1:

Scientific Quality: Grade A (Excellent)

Novelty of this manuscript: Grade A (Excellent)

Creativity or innovation of this manuscript: Grade A (Excellent)

Scientific significance of the conclusion in this manuscript: Grade A (Excellent)

Language Quality: Grade A (Excellent)

Conclusion: Minor revision

Specific Comments To Authors

Thank you very much for performing this very important work for monitoring thiopurine-treated IBD patients. I applaud the pioneering work by authors. In my opinion, DNATG measurements are very promising for therapeutic drug monitoring for IBD-patients. **Please find my comments in the manuscript.** In my opinion this work should be published but needs minor changes. Especially with regards for future meta-analysis, now quite some data is provided without standard deviations, which hinders future meta-analysis. Please consider providing them, also consider publishing your dataset. **Please find my specific comments in the word file.**

Response:

Thank you very much for the thorough review of our manuscript and for providing valuable feedback. Your insightful comments and suggestions have greatly contributed to the improvement of our research.

We have carefully considered each of your suggestions and view them as crucial guidance for enhancing the quality of our paper. We have improved the data presentation issue that concerns you the most, and other issues you raised have also been addressed and provided feedback on in the word file point by point. Thank you once again for your constructive feedback.

Editorial Office's Comments:

(1) Science editor:

1. Conflict of interest statement: Academic Editor has no conflict of interest.
2. Scientific quality: The author submitted a study of early proactive monitoring of DNA-thioguanine predicts thiopurine-induced late leucopenia in NUDT15/TPMT normal metabolizers. The manuscript is overall qualified.
 - a) Advantages and disadvantages: The reviewer have given positive peer-review reports for the manuscript. Classification: Grade A; Language Quality Classification: Grade A. This work should be published, but needs minor changes. Especially with regards for future meta-analysis, now quite some data is provided without standard deviations, which hinders future meta-analysis. Please consider providing them, also consider publishing the dataset.
 - b) Main manuscript content: The author clearly stated the purpose of the study and the research structure is complete. However, the manuscript is still required a further revision according to the detailed comments listed below.
 - c) Table(s) and figure(s): There are 8 Figures and 2 Tables should be improved. Detailed suggestions for each are listed in the specific comments section.
 - d) References: A total of 27 references are cited, including 4 published in the last 3 years. The reviewer didn't request the authors to cite improper references published by him/herself.
3. Language evaluation: The English-language grammatical presentation needs to be improved to a certain extent. There are many errors in grammar and format, throughout the entire manuscript. Before final acceptance, the authors must provide the English Language Certificate issued by a professional English language editing company. Please visit the following website for the professional English language editing companies we recommend.
4. Specific comments: (1) Please provide the filled conflict-of-interest disclosure form. (2) Please provide the Figures cited in the original manuscript in the form of PPT. All text can be edited, including A, B, arrows, etc. All legends are incorrectly formatted and require a general title and explanation for each figure. Such as Figure 1 title. A: ; B: ; C: . (3) Please upload the approved grant application form(s) or funding agency copy of any approval document(s).
5. Recommendation: Transfer to other BPG journals.
Language Quality: Grade A (Priority publishing)
Scientific Quality: Transfer to another BPG Journal

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Gastroenterology, and the manuscript is conditionally accepted. I

have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. The author(s) must include the keyword "Crohn's disease" in the manuscript title.

When revising the manuscript, it is recommended that the author supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply PubMed, or a new tool, the Reference Citation Analysis (RCA), of which data source is PubMed.

RCA is a unique artificial intelligence system for citation index evaluation of medical science and life science literature. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information

Response:

Dear Editors, we would like to express our sincere gratitude to you for the meticulous review of our manuscript and for your insightful comments and suggestions. Your thorough feedback has been invaluable in refining our research and enhancing the clarity and coherence of our paper.

We have carefully considered each of your recommendations and have incorporated them into the manuscript where appropriate.

Thank you once again for your diligent review and invaluable suggestions. We look forward to collaborating with you and will make the necessary revisions and enhancements to the manuscript based on your feedback.

1. Conflict of interest disclosure form have been filled and provided.
2. We have improved the data presentation issue that concerns reviewer and editors the most, and we also consider publishing the dataset.
3. Detailed suggestions for each figure have been adopted, and we make modifications based on specific comments.
4. Our manuscript has been further polished and revised by a professional English language editing company to improve the English-language grammatical presentation and we provide the English Language Certificate.
5. We will upload the funding agency copy of any approval document.
6. We have followed your comments to include the keyword "Crohn's disease" in the manuscript title.
7. Thank you for your insightful suggestion. Two cutting-edge research findings have been supplemented and cited for improving the content of the manuscript.