



**Baishideng  
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### PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 37638

**Title:** Comparision of the effects of TPMT and NUDT15 polymorphisms on azathioprine-induced leukopenia in Chinese patients with inflammatory bowel disease

**Reviewer's code:** 00004011

**Reviewer's country:** Greece

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2017-12-25

**Date reviewed:** 2017-12-26

**Review time:** 1 Day

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

### COMMENTS TO AUTHORS

1. The authors should better described the genotyping section at material and methods, giving more details 2. References on different populations should be included: ie Ann Gastroenterol. 2012;25(3):249-253., J Clin Pharm Ther. 2010 Feb;35(1):93-7.



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**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 37638

**Title:** Comparision of the effects of TPMT and NUDT15 polymorphisms on azathioprine-induced leukopenia in Chinese patients with inflammatory bowel disease

**Reviewer's code:** 00159305

**Reviewer's country:** Romania

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2017-12-25

**Date reviewed:** 2017-12-30

**Review time:** 5 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

### COMMENTS TO AUTHORS

To the authors, I have the following comments on your manuscript: 1. There are many grammatical/syntax/spelling errors throughout the manuscript which should be corrected. Several paragraphs for all sections of the manuscript are rather confusing and should be rewritten. You should seek a copyediting service provided by professional English language editing company. 2. There are a huge number of abbreviations which makes difficult to read and follow the text by a clinicians (majority of readers of WJG). Moreover, all abbreviations should be explained and spelled out at the site where are first presented. 3. Abstract: is too long; should be rewritten and drawn more precisely and clear. There are too many repetitions ("meanwhile"... "appeared leukopenia", "higher reached"..etc.); (please, see page 3). 4. Methods: is your study prospective or retrospective? "Inclusion criteria included"; "exclusion criteria excluded"-please



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reformulate! You should include here the performance of logistic regression analysis. 5. Results section: too long, several paragraphs are confusing (page 9: "females//were less than males!"); please, rewrite and make them clearer. 6. Discussion: First paragraph is too long and included too many abbreviations on the AZA's metabolism! Second paragraph, first sentence is confusing: "... life eventually terminate the therapy"-should be rewritten. Page 10, last two sentences are confusing; please rewrite it. 7. Did your study add any new information too those already known? 8. Please, mention the strength and limitations of your study. 9. Conclusion: please, mention which gender? Overall, I believe that your manuscript is an interesting work which requires corrections. I regret that I cannot recommend the manuscript for publication until corrections are made dealing with all the above comments.



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**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 37638

**Title:** Comparision of the effects of TPMT and NUDT15 polymorphisms on azathioprine-induced leukopenia in Chinese patients with inflammatory bowel disease

**Reviewer's code:** 02537773

**Reviewer's country:** Germany

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2017-12-25

**Date reviewed:** 2018-01-01

**Review time:** 7 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input type="checkbox"/> High priority for publication
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

**COMMENTS TO AUTHORS**

It's an interesting validation study that shows the value of NUDT15 SNP in IBD patients in Asian population. Comments: Unfortunately, the language is of insufficient quality. The paper needs to be checked for typos: NDUT15. Paper is not adjusted to the guidelines of the WJG (for instance abstract is too long, formatting). Why did the authors decided to evaluate only one TPMT (3). There several other that are frequently used in addition (\*2, \*3A) in TPMT. The study design is not sufficiently explained: AZA-treatments subsection. What is the explanation that initial dosage of AZA in C/T NUDT15 was higher as in C/C cohort? The authors may consider complete presentation of the data in regard of IBD disease stage. The authors should consider a chart plot presentation to follow the description: inclusions, AZA, TPMT/NUDT15 genotypes etc. The authors may consider providing the protocol how the AZA was initiated and how



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the management was unified. What was the duration of the treatment? Data to odds-ratio should be provided together with 95% confidence interval.