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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 13857
Title: Liver enzymes, metabolomics and GWAS: From systems biology to the personalized medicine
Reviewer code: 00038721
Science editor: Ya-Juan Ma
Date sent for review: 2014-09-04 17:11
Date reviewed: 2014-10-02 02:18

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

COMMENTS TO AUTHORS

This article is a well written review on the use of metabolic enzymes in the diagnosis of liver disease. It describes the pros and cons of the the current tests and looks at how new gene discovers could be used as better biomarkers. There are no issues with this manuscript.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 13857
Title: Liver enzymes, metabolomics and GWAS: From systems biology to the personalized medicine
Reviewer code: 02079515
Science editor: Ya-Juan Ma
Date sent for review: 2014-09-04 17:11
Date reviewed: 2014-09-11 15:50

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

COMMENTS TO AUTHORS

This is an interesting and thoughtful review. Authors shouyld briefly add evidence for linkage among body iron stores, transaminase activity and the prevalence of cardiometabolic risk factors, outlighting that iron stores might be investigated as a potentially modifiable risk factor.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 13857
Title: Liver enzymes, metabolomics and GWAS: From systems biology to the personalized medicine
Reviewer code: 00039583
Science editor: Ya-Juan Ma
Date sent for review: 2014-09-04 17:11
Date reviewed: 2014-09-23 03:53

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

COMMENTS TO AUTHORS

The paper is novel and original and is well written. It, in my opinion, deserves to be published. Minor comment: Please, insert TM6SF2 among the genes associated with ALT levels.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 13857
Title: Liver enzymes, metabolomics and GWAS: From systems biology to the personalized medicine
Reviewer code: 00034149
Science editor: Ya-Juan Ma
Date sent for review: 2014-09-04 17:11
Date reviewed: 2014-09-29 02:35

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

COMMENTS TO AUTHORS

Perhaps you could point out the most, with examples, the potential utility in clinical practice of genomics and metabolomics in defining new risk profiles, such as (genome wide association) demonstration of a correlation between a polymorphism in the vicinity of the IL28B gene, encoding interferon lambda 3, and the response to treatment with ribavirin