

**ESPS Peer-review Report****Name of Journal:** World Journal of Gastrointestinal Pathophysiology**ESPS Manuscript NO:** 9241**Title:** Epidemiology studies of esophageal cancer in the Era of genome-wide association**Reviewer code:** 02861019**Science editor:** Song, Xiu-Xia**Date sent for review:** 2014-01-30 17:02**Date reviewed:** 2014-03-14 02:42

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 checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" 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 checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

**COMMENTS TO AUTHORS**

Dear Editor, I have read with interest the enclosed manuscript. The review is well written and give to the reader an overview over the pathophysiology of esophageal cancer. The first part of the manuscript and the title refers to both EAC and ESCC but the section on GWAS, miRNAs and predictive biomarkers is focused mostly on ESCC; I suggest to increase all the other section with data on EAC or change the title and introduction and clearly focus the entire paper on ESCC. In my opinion: - all the chapter have to clearly differentiate risk factor for EAC and ESCC; - table 1 have to be changed; two different columns on EAC and ESCC; - the section on GWA studies on ESCC patients is well written and appropriate; - the section about miRNAs is clear and complete; - the discussion on population studies in the era of GWAS is well conducted.

# ESPS Peer-review Report

**Name of Journal:** World Journal of Gastrointestinal Pathophysiology

**ESPS Manuscript NO:** 9241

**Title:** Epidemiology studies of esophageal cancer in the Era of genome-wide association

**Reviewer code:** 02445033

**Science editor:** Song, Xiu-Xia

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
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<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input checked="" type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This is an interesting review on genetics as a risk factor for GI neoplasm. The authors focus on the result of GWAS studies, microRNAs and proteomics. However, I would like to make some comments: - The manuscript should be reviewed by a native English speaker. There are several editing mistakes that heavily hamper the understanding of the author's ideas. - Chosen sections seem a bit confusing and do not give a sensation of unity to the reader. The third section "general view of epidemiology in era of GWAS" (also with many typing mistakes) seems much related with the seventh ("epidemiology study design in the era of GWAS"). - The authors seem to focus only on tissue mRNAs, when there is also a great body of evidence on circulating mRNAs (Zhang HG, Clin Chem 2010) - "Clinical research of genomic biomarkers of EC" section is quite confusing too. It seems to deal mainly with proteomics, but it ends talking about miRNA. In conclusion, the topic is interesting and up-to-date, but the final result is a bit disappointing. Since this is a very suitable topic for the World Journal of Gastrointestinal Pathophysiology I would like the authors to send a new and more reader-friendly version of the manuscript.

**ESPS Peer-review Report**

**Name of Journal:** World Journal of Gastrointestinal Pathophysiology

**ESPS Manuscript NO:** 9241

**Title:** Epidemiology studies of esophageal cancer in the Era of genome-wide association

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**Science editor:** Song, Xiu-Xia

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
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<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
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**COMMENTS TO AUTHORS**

Authors brief reviewed Genome-wide association studies for epidemiology studies of EC from aspects of General view, Genome variant in pathway genes, MicroRNAs , Clinical research of genomic biomarkers. Finally, they talks about Epidemiology study design. The paper may provide some infomation about this topic, although there maybe some data published not included in tis paper.