

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 4953

Title: Decreased histone H2B mono-ubiquitination in malignant gastric carcinoma

Reviewer code: 02438143

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-08-05 17:57

Date reviewed: 2013-08-14 18:06

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 type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

This study was to test the association between histone modifications (mono-ubiquitination at lysine 121 of H2B, di- and tri-methylation at H3 lysine) and clinicopathological parameters of gastric carcinoma. Mono-ubiquitination at lysine 121 of H2B, but not di- and tri-methylation at H3 lysine, displays a differential staining pattern featuring the progressive stages of gastric cancer. The authors concluded that this histone modification plays important role in the carcinogenesis of gastric carcinoma. This manuscript is logically well written. A few minor changes are required. P11, L1-3: This paragraph should be moved to Materials and Methods section. P12, L3-5: This paragraph should be moved to Discussion section. Typos. P4, L9: In a current ----> in a current. P7, L4: Department of gastrointestinal ----> Department of Gastrointestina P7, L4: West china ----> West China P8, L3: H2O2 ----> 2s should be subscripts. P9, L5-6: weak coloring (Light yellow) for 1 and 2 points, moderate coloring (Yellow) and strong coloring (Brown) for 3 points. ----> weak coloring (Light yellow)for 1 point, moderate coloring (Yellow) for 2 points, and strong coloring (Brown) for 3 points. P10, L4-5: ranked date) and Wilcoxon ranks sum test (for Two-sample comparison of ranked data). Kaplan-Meier method was used to assess the cancer-specific survival cures. ----> ranked data) and Wilcoxon rank sum test (for Two-sample comparison of ranked data). Kaplan-Meier method was used to assess the cancer-specific survival curves. The places of decimals for percentage should be consistent. A space should be added after colon or semi-colon. P16, L11: Ubiquitin- ----> ubiquitin-. P16, L12: Polycomb ----> polycomb P16, L13: enzym ----> enzyme P17, L12: gastric cancer(GC)----> gastric cancer P17, L13: GC----> gastric cancer P18, L2: in vivo,their ----> in vivo, their

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 4953

Title: Decreased histone H2B mono-ubiquitination in malignant gastric carcinoma

Reviewer code: 02446446

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-08-05 17:57

Date reviewed: 2013-08-15 00:16

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" 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 type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Comments to authors: The manuscript of “ Decreased histone H2B mono-ubiquitination in malignant gastric carcinoma ” is quite interesting and I definitely recommend publication. I really enjoyed reading the paper. I think that, the results of your paper which conclude that histone modification play important roles in the the pathogenesis of gastric carcinoma could be a potential therapeutic target in the future. Zijing Wang and coauthors represent a study of 159 formalin-fixed, paraffin-embedded gastric cancer tissues for the purpose of to evaluate three crucial histone modification events (mono-ubiquitination at lysine 121 of H2B, di- and tri-methylation at H3 lysine 4) in gastric carcinoma and to establish a correlation of these post-translational modifications with clinicopathologic parameters. Your work clearly demonstrates that the level of H2B monoubiquitination is abundant in normal gastric epithelium but is decreased in malignant gastric cancers. Furthermore, uH2B modification level was correlated with tumor differentiation, Lauren's classification, and TMN stage . The 5-year survival rate of patients with positive uH2B modification level was significantly higher compared to that of patients with negative uH2B signal. The manuscript is very well written and I have no issues with this paper, but some minor changes should be made: 1-In the clinical sample section, please re-write the inclusion and exclusion criteria properly. 2-Reference # 5 is not cited in the text. 3-Some typographical mistakes need t be corrected; for example “ Ying and Yang”,.....