

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 34766

Title: A case of gastric neuroendocrine carcinoma showing an interesting tumorigenic pathway

Reviewer's code: 03002224

Reviewer's country: Japan

Science editor: Ze-Mao Gong

Date sent for review: 2017-06-03

Date reviewed: 2017-06-07

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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> 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 checked="" 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 checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This report presents a case of gastric NEC possibly generated from NET component by analyzing allelic imbalance (AI) and shows unconventional carcinogenic pathway in neuroendocrine tumorigenesis. Although this case report was informative, there are points as described below to be clarified. Major or minor revision **1**. In this study, AIs analyses for gastric NET and NEC were performed according to previously report for colorectal cancer. These analyses directly reflect the character or progression between NET and NEC? **2**. In page 5, "adjuvant" should be deleted because of chemotherapy for recurrent NEC with liver metastasis.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 34766

Title: A case of gastric neuroendocrine carcinoma showing an interesting tumorigenic pathway

Reviewer's code: 00050849

Reviewer's country: Sweden

Science editor: Ze-Mao Gong

Date sent for review: 2017-06-03

Date reviewed: 2017-06-11

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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is a manuscript by Uesugi N et al. reporting on a tumorigenic pathway from NET G2 to NEC. This is an interesting case report using information obtained by allelic imbalance on various chromosomes. Major points: According to the WHO 2010 classification of tumors of the digestive system Chapter: "Neuroendocrine neoplasms of the stomach" by Solcia E. et al pages 64-68, gastric Neuroendocrine neoplasms of the stomach are divided in NET G1 and G2 and NEC (large and small cell) that are G3 lesions (see even in the same book the Chapter 1: "Nomenclature and classification of neuroendocrine neoplasms of the digestive system" by Rindi G et al. p 13-14). G3 are NECs. The authors make their own classification distinguishing G3 from NECs when according to WHO 2010 classification are the same tumors. The G2 NET is not well characterized. Is it an ECL-NET or a non-ECL-NET? Which are the features of the adjacent to the tumor mucosa? Which are the CgA and gastrin blood levels before the



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surgery? If the tumor is an ECL-NET which is the type of the tumor (e.g. type 1 or 3?). I suggest to immunostain the lesion with VMAT2 (indirect ECL marker) which would be of importance for the characterization of the tumor. Which are the endoscopic features of the tumor and the adjacent to the tumor oxyntic mucosa? Are there signs of chronic atrophic gastritis type A or intestinal metaplasia? Is *Helicobacter pylori* staining available?

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 34766

Title: A case of gastric neuroendocrine carcinoma showing an interesting tumorigenic pathway

Reviewer's code: 01191922

Reviewer's country: China

Science editor: Ze-Mao Gong

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
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<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
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COMMENTS TO AUTHORS

This is an interesting case of gastric neuroendocrine carcinoma showing a tumorigenic pathway. The main concern is that it is only a hypothesis and lacks further experimental or clinical validation. Emerging evidence suggest that the cellular composition of neuroendocrine carcinoma is highly heterogeneous. Thus, the authors need to be careful to get conclusions.