

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**ESPS manuscript NO:** 32358

**Title:** Detecting circulating tumor material and digital pathology imaging during pancreatic cancer progression

**Reviewer's code:** 00001832

**Reviewer's country:** Germany

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 16:57

**Date reviewed:** 2017-01-07 23:15

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 checked="" 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"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<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 well written and rather extensive manuscript of circulating tumor material and digital imaging during progression of pancreatic cancer. The relevant literature is cited and discussed. I have only one comment. Since the authors put a focus on cancer progression, the recent paper by Notta et al., Nature 2016 (doi:10.1038/nature19823) should be cited and discussed. This paper puts forward a different theory about pancreatic cancer progression, which is relevant in this context.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**ESPS manuscript NO:** 32358

**Title:** Detecting circulating tumor material and digital pathology imaging during pancreatic cancer progression

**Reviewer's code:** 00008736

**Reviewer's country:** Germany

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 16:57

**Date reviewed:** 2017-01-16 00:35

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<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 an excellent Review which concisely summarized the current Status of pancreatic Cancer diagnosis. All relevant Areas are sufficiently covered. There are no further comments on this Review.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**ESPS manuscript NO:** 32358

**Title:** Detecting circulating tumor material and digital pathology imaging during pancreatic cancer progression

**Reviewer's code:** 03471272

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 16:57

**Date reviewed:** 2017-01-18 08:14

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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 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		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

## COMMENTS TO AUTHORS

In this review, the authors investigated the development and usefulness of circulating tumor cells and digital pathology in the pancreatic cancer diagnosis and monitoring. This is an interesting review highlighting 2 advanced technologies. It would be better to provide more detailed information about 2 technologies. For example, both cytology and biopsy specimens are applicable for digital pathology and how to detect circulating tumor cells.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**ESPS manuscript NO:** 32358

**Title:** Detecting circulating tumor material and digital pathology imaging during pancreatic cancer progression

**Reviewer's code:** 03699987

**Reviewer's country:** United Kingdom

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 16:57

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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

This is an interesting manuscript. I am including some comments which may assist the authors in improving their manuscript. Abstract: Digital imaging is mentioned within the title, but there is no mention of it within the abstract. Introduction: On page 4, I suggest adding the reference for Neoptolemos et al ASCO 2016 (ESPAC-4 clinical trial of adjuvant gemcitabine/capecitabine in patients with resected pancreas cancer) - following mention of adjuvant chemotherapy in third sentence. Define FOLFIRINOX at first use on page 4. Section on "Detecting Tumor cells in circulation" is very long (approximately 7 pages). I suggest adding in some subheadings to break up all the text. On page 16, 5-fluorouracil is defined again. No need, as defined previously. On page 18, I suggest adding a reference for Zill OA et al 2015 - "Cell-Free DNA Next-Generation Sequencing in Pancreatobiliary Carcinomas" also at the bottom of the page. Reference for Lewis AR et al 2016 "Pancreatic cancer: Are "liquid biopsies" ready for prime-time?", could also be included. Maybe alter heading "Concluding paragraph" to "Conclusion", as there are two paragraphs, unless of course required by the journal. I can't see references to tables within the body of the manuscript, but maybe I



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am missing it. Please include description of abbreviations at bottom of table 3.