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315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 7029

**Title:** Establish orthotopic pancreatic cancer mouse model: cells suspended and injected in matrigel

**Reviewer code:** 02738967

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-11-02 21:23

**Date reviewed:** 2013-11-17 05:23

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" 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 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	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

- earlier publications (Partecke et al) also used Matrigel as a support for injections of pancreas cancer cell lines. This work should be discussed in the discussion and results compared with the results of the current publication. - in the material & methods sections, the follow-up of mice should be discussed: what were the signs investigated, what were the endpoints: when were mice sacrificed. - The authors state that Matrigel has no negative effect on pancreas cancer cells. However, I'm convinced that Matrigel has effects on tumor cell behaviour. The authors should investigate the effect of MATrigel on adhesion, migration, invasion and proliferation of the cancer cell line. - In the tumour models, the authors should report on endocrine and exocrine pancreas function



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### ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 7029

**Title:** Establish orthotopic pancreatic cancer mouse model: cells suspended and injected in matrigel

**Reviewer code:** 01560498

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-11-02 21:23

**Date reviewed:** 2013-12-31 17:00

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> 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 article reports a simple and effective method of orthotopic pancreatic cancer model in mice. This will provide a new methodology to investigate effective treatment and management in the research field of pancreatic cancer. The Method section of Matrigel and PBS injection. Methylene blue, a dye, is used in this paper. It is a smart idea to ensure an adequate injection. 1. Low temperature should be mentioned in detail. 0C? 4C? 20C? Room temperature? 2. Also dose should be mentioned in detail.