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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 7874
Title: Mesothelin promotes cell proliferation in the remodeling of neonatal rat pancreas
Reviewer code: 02849905
Science editor: Ma, Ya-Juan
Date sent for review: 2013-12-04 12:01
Date reviewed: 2014-01-17 10:24

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	[ ]Rejection
[ ] Grade D (Fair)	[ ] Grade D: rejected	BPG Search:	[ ] Minor revision
[ ] Grade E (Poor)		[ ] Existed	[ ] Major revision
		[ ] No records	

COMMENTS TO AUTHORS

I believe that the work I have reviewed has important implications in the future as it shows the ability of mesothelin as mediator stimulating the proliferation of pancreatic cells and their possible use in the future. While the exact mechanism of action is not described, no contradictions are observed in utilization and effect relationship . We also observe the presence and action in normal , non-cancerous cells , which also has a high value because it raises the value of the protein but not as oncologic marker, but as a marker of damage and possibly help signal . It would be interesting to establish the relationship between mesothelin , damaged normal cells , and local proliferation of cells but also migration of progenitor cells from bone marrow . This mechanism would put the stamp seal help. The work not only stands out for its findings but also by the detailed methodology . Congratulations !

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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 7874
Title: Mesothelin promotes cell proliferation in the remodeling of neonatal rat pancreas
Reviewer code: 02445800
Science editor: Ma, Ya-Juan
Date sent for review: 2013-12-04 12:01
Date reviewed: 2014-01-19 15:42

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[Y] Grade C: a great deal of language polishing	[ ] No records	[Y]Rejection
[Y] Grade D (Fair)	[ ] Grade D: rejected	BPG Search:	[ ] Minor revision
[ ] Grade E (Poor)		[ ] Existed	[ ] Major revision
		[ ] No records	

COMMENTS TO AUTHORS
In this study the authors investigated the role of mesothelin in development of endocrine pancreas in neonatal rats. One major issue is that the cell line INS-1 is a tumor cell line (insulinoma cell line), not a "normal cell" cell line. The signaling pathways in tumor cells and in normal islets are different, and therefore the results from tumor cell lines can not be used to "explain" observations in normal islets. There are also multiple grammatical errors.

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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 7874
Title: Mesothelin promotes cell proliferation in the remodeling of neonatal rat pancreas
Reviewer code: 00532620
Science editor: Ma, Ya-Juan
Date sent for review: 2013-12-04 12:01
Date reviewed: 2014-02-08 20:08

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[Y] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
Authors demonstrated that overexpression of mesothelin could promotes beta cell proliferation in vitro while its down-regulation increased the islet number in neonatal rat pancreas. 1. Line 304?306 (p11) are confusing. Why did authors suspect the increased number of small islets in spite of down-regulating mesothelin? Because mesothelin could promote beta cell proliferation, it was more reasonable to expect the decreased number of islets. 2. There seems to be a typo (line 93, p4).