

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 48444

Title: TAZ and myostatin involved in muscle atrophy of congenital neurogenic club foot

Reviewer's code: 02992676

Reviewer's country: Australia

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-05-13 23:45

Reviewer performed review: 2019-05-23 01:09

Review time: 9 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study about the TAZ and myostatin involved in muscle atrophy of congenital neurogenic clubfoot. Muscle atrophy is the basic defect of clubfoot, and is important for functional outcomes. It is important to explore the pathogenic mechanism and treatment of muscular atrophy. Myostatin signal transduction is mediated by two



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different types of serine/threonine kinase receptors. It can transduce signals into the nucleus through SMAD, mitogen-activated protein kinase and Akt pathways. In this study, the authors use a new model of neurogenic muscular atrophy of congenital clubfoot with nervous system abnormalities, and further explored the mechanism by which TAZ acts on myostatin-induced C2C12 myotube atrophy. Overall, the study is well designed and the manuscript is very well written. The results are interesting, and well discussed. 1 The figures are very small, please update. 2 The references should be updated. Recent 3 years references should be listed, and discussed. 3 Some minor language polishing should be revised.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 48444

Title: TAZ and myostatin involved in muscle atrophy of congenital neurogenic club foot

Reviewer's code: 02992570

Reviewer's country: Japan

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-05-13 23:45

Reviewer performed review: 2019-05-23 01:11

Review time: 9 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Interesting study. I have no specific comments. Only the figures should be updated to more clearer ones. And some minor spelling mistakes should be corrected.

INITIAL REVIEW OF THE MANUSCRIPT



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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 48444

Title: TAZ and myostatin involved in muscle atrophy of congenital neurogenic club foot

Reviewer's code: 02992572

Reviewer's country: Japan

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-05-13 23:46

Reviewer performed review: 2019-05-23 01:14

Review time: 9 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study about the muscle atrophy in fetal neurogenic club foot. The study is designed well, and the methods are described in detail. The results is well discussed, however, some more recent references should be included and discussed.



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