



**Baishideng
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PEER-REVIEW REPORT

Name of journal: World Journal of Anesthesiology

Manuscript NO: 39078

Title: Targeting increased levels of tumor necrosis factor (TNF) in the brain relieves neuropathic pain

Reviewer's code: 02488181

Reviewer's country: Taiwan

Science editor: Na Ma

Date sent for review: 2018-04-12

Date reviewed: 2018-04-18

Review time: 5 Days

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The review article is comprehensive and worth of publishing in WJA. The reviewer has only one minor suggestion. It would be good to have a summarized table to describe the mechanisms of action of TNF signaling in the brain and corresponding therapeutic



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strategies.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

- ☐ The same title
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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Anesthesiology

Manuscript NO: 39078

Title: Targeting increased levels of tumor necrosis factor (TNF) in the brain relieves neuropathic pain

Reviewer's code: 00529915

Reviewer's country: Ireland

Science editor: Na Ma

Date sent for review: 2018-04-12

Date reviewed: 2018-04-18

Review time: 5 Days

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear Authors Following points are suggested to improve the manuscript. 1. Mention an example in the core tip that how the TNF practically (drug or therapy) can be targeted? 2. Slightly rephrase or reorganize relevant parts of your manuscript so that an average



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reader who is not specialist in the field can understand the practical differences in treatment according to your suggestions as compared to the classic approach of treatment of neuropathic pain. 3. Please modify the title and make it more general like "TNF and neuropathic pain" etc Thank you The reviewer

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BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Anesthesiology

Manuscript NO: 39078

Title: Targeting increased levels of tumor necrosis factor (TNF) in the brain relieves neuropathic pain

Reviewer's code: 02484487

Reviewer's country: Saudi Arabia

Science editor: Na Ma

Date sent for review: 2018-04-12

Date reviewed: 2018-04-18

Review time: 5 Days

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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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
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			<input checked="" type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This article is informative but most of the research is done on targeting peripgeral TNF and very less work is done on Brain TNF which needs furthur research. It is still a hypothesis regarding brain TNF and neuropathic pain but explanation is good and will



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definitely help the readers. Human studies are still lacking so if any research done on humans will add further informatio

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PEER-REVIEW REPORT

Name of journal: World Journal of Anesthesiology

Manuscript NO: 39078

Title: Targeting increased levels of tumor necrosis factor (TNF) in the brain relieves neuropathic pain

Reviewer's code: 00041963

Reviewer's country: Turkey

Science editor: Na Ma

Date sent for review: 2018-04-12

Date reviewed: 2018-04-22

Review time: 9 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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SPECIFIC COMMENTS TO AUTHORS

"choronic" could be added as a key word

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