

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53169

Title: Role of IL-17 gene polymorphisms on osteoarthritis: A meta-analysis based on observational studies

Reviewer's code: 00646357

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2019-12-11

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2019-12-23 01:50

Reviewer performed review: 2019-12-23 03:24

Review time: 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

-Add the unique of this study compared to other studies discuss the same issue. -Add more on the basic of this disease in the introduction -Discus role of imaging using these ref -Razek AA, El-Basyouni SR. Ultrasound of knee osteoarthritis: interobserver agreement and correlation with Western Ontario and McMaster Universities Osteoarthritis. Clin Rheumatol 2016;35:997-1001. -Razek AA, Fouda NS, Elmetwaley N, Elbogdady E. Sonography of the knee joint. J Ultrasound 2009;12:53-60. -English language correction through the manuscript

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53169

Title: Role of IL-17 gene polymorphisms on osteoarthritis: A meta-analysis based on observational studies

Reviewer's code: 02703298

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2019-12-11

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2019-12-16 07:21

Reviewer performed review: 2019-12-23 08:17

Review time: 7 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:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I have assessed the paper with the name of "Role of IL-17 gene polymorphisms on osteoarthritis: A meta-analysis based on observational studies ". My opinions are as follows; Title: Main idea is clear and understandable. Abstract: Abstract is readable. Introduction: The topic of the article is interesting and original. Previous pertinent literature cited and discussed. Therefore, introduction is adequate. The rationale of the study is well described. Methods: Study design is appropriate to achieve study aim. Statistical analyses are appropriate and used appropriately. Overall methodology is valid, replicable and understandable. Results: Results are clearly presented and comprehensible. Text did not duplicate the figures and tables. Discussion: Previous pertinent literature was critiqued. The authors demonstrated continuity between present study and previous studies. Similarities and differences to other studies were noted. Limitations of the study and further studies were indicated. References: References are updated and accurate. Also references are relevant and comprehensive.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

- ☐ The same title
- ☐ Duplicate publication



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[] Plagiarism

[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53169

Title: Role of IL-17 gene polymorphisms on osteoarthritis: A meta-analysis based on observational studies

Reviewer's code: 02702057

Position: Peer Reviewer

Academic degree: BSc, MSc, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2019-12-11

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2019-12-24 10:13

Reviewer performed review: 2019-12-24 10:26

Review time: 1 Hour

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:
<input checked="" type="checkbox"/> Grade B: Very good	<input 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

Manuscript titled "Role of IL-17 gene polymorphisms on osteoarthritis: A meta-analysis based on observational studies" deals an important issue of osteoarthritis. This meta-analysis was designed to investigate the association between polymorphisms of the interleukin-17 (IL-17) gene and the risk of OA. The work is great and complete. Moreover, there are some minor concerns that need to be addressed before recommending publication. It would be very interesting if the authors added in the text, to help better readers understanding, a sentence regarding other cytokines (anti-inflammatory and pro-inflammatory) related to OA. Please quote these interesting and recent papers or other similar: Moderate Physical Activity as a Prevention Method for Knee Osteoarthritis and the Role of Synoviocytes as Biological Key. *Int J Mol Sci.* 2019 Jan 25;20(3). pii: E511. The Synovium Theory: Can Exercise Prevent Knee Osteoarthritis? The Role of "Mechanokines", A Possible Biological Key. *J. Funct. Morphol. Kinesiol.* 2019, 4, 11. The Genetics of Osteoarthritis: A Review. *J. Funct. Morphol. Kinesiol.* 2016, 1, 140-153. In the conclusion section please specify better the clinical relevance of your work.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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BPG Search:



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- ☐ No

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53169

Title: Role of IL-17 gene polymorphisms on osteoarthritis: A meta-analysis based on observational studies

Reviewer's code: 00646357

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2019-12-11

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2020-03-18 08:07

Reviewer performed review: 2020-03-18 20:22

Review time: 12 Hours

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:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 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



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SPECIFIC COMMENTS TO AUTHORS

accept

INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ Plagiarism
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BPG Search:

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- ☐ Plagiarism
- ☐ No