

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 54156

Title: Oxysterols as promising small molecules for bone tissue engineering: Systematic review

Reviewer's code: 03765426

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2020-01-14

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-03-25 06:34

Reviewer performed review: 2020-03-28 13:16

Review time: 3 Days and 6 Hours

Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input checked="" type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Re-review	[<input type="radio"/>] Yes [<input type="radio"/>] No
Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No



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SPECIFIC COMMENTS TO AUTHORS

This review is well written. Probably OK, but please re-check the abbreviation in Page 14.

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 54156

Title: Oxysterols as promising small molecules for bone tissue engineering: Systematic review

Reviewer's code: 02444802

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: United States

Manuscript submission date: 2020-01-14

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-03-25 07:01

Reviewer performed review: 2020-04-06 10:57

Review time: 12 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The authors present a systematic review where they occlude that use of oxysterols are useful in bone fracture repair and in bone tissue engineering applications. The authors have focussed on 13 manuscripts worth of data to this regard and have comparatively assessed data from each. The authors do conclude that there is an effect but state further work is needed to identify the optimal concentration used.