

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 55061

Title: Approaches to promoting bone marrow mesenchymal stem cell osteogenesis on orthopedic implant surface

Reviewer's code: 03712811

Position: Editor-in-Chief

Academic degree: MD, PhD

Professional title: Director, Full Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-02-28

Reviewer chosen by: Jin-Zhou Tang

Reviewer accepted review: 2020-03-18 10:28

Reviewer performed review: 2020-03-21 09:28

Review time: 2 Days and 22 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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (High priority) <input 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

SPECIFIC COMMENTS TO AUTHORS

This is an interesting, stimulating and worth reading review. This work brings interesting and inspiring studies that may be deployed from the side of advanced natural/synthetic Chemistry, and nanofabrication, into the world of Translational Medicine and Regenerative Orthopedic Surgery. The overall work is well-designed and presented.

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 55061

Title: Approaches to promoting bone marrow mesenchymal stem cell osteogenesis on orthopedic implant surface

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: 2020-02-28

Reviewer chosen by: Ruo-Yu Ma

Reviewer accepted review: 2020-04-14 06:14

Reviewer performed review: 2020-04-15 04:25

Review time: 22 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 type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Accept (General priority) <input checked="" 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

-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 AAKA, Ashmalla GA. Assessment of paraspinal neurogenic tumors with diffusion-weighted MR imaging. Eur Spine J 2018;27:841-846. -Surov A, Nagata S, Razek AA, Tirumani SH, Wienke A, Kahn T. Comparison of ADC values in different malignancies of the skeletal musculature: a multicentric analysis. Skeletal Radiol 2015;44:995-1000. -English language correction through the manuscript -Discus merits and limitations of technique appiled -Update of references as most of references are old