Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 54361

Title: MicroRNA sequences modulating inflammation and lipid accumulation in macrophage 'foam' cells: Implications for atherosclerosis

Reviewer's code: 02948419
Position: Peer Reviewer
Academic degree: MD, MSc, PhD

Professional title: Professor

Reviewer's Country/Territory: Ukraine

Author's Country/Territory: United Kingdom

Manuscript submission date: 2020-01-30

Reviewer chosen by: Jie Wang

Reviewer accepted review: 2020-03-15 16:23

Reviewer performed review: 2020-03-15 16:47

Review time: 1 Hour

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

Authors reported excellent paper that is well-balanced and good written. This is review, which is dedicated the role of miRNAr in modification of macrophages and their role in accelerating atherosclerosis. Authors have provided deep and comprehensive review of the current state of the problem and clearly open out scientific contributions in the future, especially related to the networks of inflammatory genes regulated by multiple miRNA sequences. Authors reported intriguing data regarding RNA-based therapeutics capable of preventing or regressing the formation of complex atherosclerotic lesions by targeting macrophage function. I believe that the review deserves to be accepted for publication, but I recommend extending that section "Therapeutic options: clinical applications of microRNA" before acceptance. Authors could get more information regarding target audience, in which novel approach may be useful and reflect on considerations why this approach might be better than currently implemented.

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 54361

Title: MicroRNA sequences modulating inflammation and lipid accumulation in macrophage 'foam' cells: Implications for atherosclerosis

Reviewer's code: 03846820
Position: Editorial Board
Academic degree: FACC, MD
Professional title: Academic Research, Assistant Professor, Doctor
Reviewer's Country/Territory: Netherlands
Author's Country/Territory: United Kingdom

Manuscript submission date: 2020-01-30
Reviewer chosen by: Le Zhang
Reviewer accepted review: 2020-03-26 10:31
Reviewer performed review: 2020-03-26 11:23
Review time: 1 Hour

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

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

Dear author, This review paper represents results of the bench study which is aiming to identify some of the miRNA sequences that play a key role in regulating 'foam' cell formation and atherogenesis, highlighting sequences involved in cholesterol accumulation, those influencing inflammation in sterol-loaded cells, and novel sequences and pathways which may offer new strategies to influence macrophage function within atherosclerotic lesions. The article is written with the good English-speaking adduction of the arguments. The article is sufficiently novel and very interesting to warrant publication. All the key elements are presented and described clearly. The most discussable options in the article are: 1) Would you please kindly correct all your rare typos and grammar errors throughout the manuscript. 2) This is a truly an excellent article. I would only suggest emphasizing the novelty of the paper within the topic you have analyzed.

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 54361

Title: MicroRNA sequences modulating inflammation and lipid accumulation in macrophage 'foam' cells: Implications for atherosclerosis

Reviewer's code: 03722832
Position: Editorial Board
Academic degree: DNB, MD

Professional title: Associate Professor

Reviewer's Country/Territory: India

Author's Country/Territory: United Kingdom

Manuscript submission date: 2020-01-30

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-03-27 01:16

Reviewer performed review: 2020-03-27 13:22

Review time: 12 Hours

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

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

Dear author(s) the aim of this narrative review is "This review identifies some of the miRNA sequences which play a key role in regulating 'foam' cell formation and atherogenesis, highlighting sequences involved in cholesterol accumulation, those influencing inflammation in sterol-loaded cells, and novel sequences and pathways which may offer new strategies to influence macrophage function within atherosclerotic lesions. (163 words)".In the context ,the manuscript should be rewritten in the style of PRIZMA guideline for review/meta analysis .The number of reference should be limited to only 50 references if the author want to focus on recent developments .I can see you have cited 240 references for you review ,I feel most of these articles do not fit in context .Animations are quite novel and welcome and more meaningful legends .I would suggest once you have precisely selected your references ,please arrange them according to mechanism of action that would be more easily taken home .Language editing appears appropriate .