

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

ESPS manuscript NO: 20410

Title: High mobility group protein 1: A collaborator in nucleosome dynamics and estrogen-responsive gene expression

Reviewer's code: 00562494

Reviewer's country: South Korea

Science editor: Xue-Mei Gong

Date sent for review: 2015-06-04 11:30

Date reviewed: 2015-06-04 14:32

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|--|---|--|--|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | Google Search: | <input checked="" type="checkbox"/> Accept |
| <input checked="" type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C: Good | <input type="checkbox"/> Grade C: A great deal of language polishing | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade D: Rejected | <input checked="" type="checkbox"/> Plagiarism | <input type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E: Poor | | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Major revision |
| | | BPG Search: | |
| | | <input type="checkbox"/> The same title | |
| | | <input type="checkbox"/> Duplicate publication | |
| | | <input type="checkbox"/> Plagiarism | |
| | | <input checked="" type="checkbox"/> No | |

COMMENTS TO AUTHORS

The author mentioned background of HMGB1 restructure nucleosome and proposed its working model in this review. It is worthwhile to publish in World Journal of Biological Chemistry. There are several typos to be corrected. ex) associated wlh, postttranslational modifications... etc.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

ESPS manuscript NO: 20410

Title: High mobility group protein 1: A collaborator in nucleosome dynamics and estrogen-responsive gene expression

Reviewer's code: 02618027

Reviewer's country: United States

Science editor: Xue-Mei Gong

Date sent for review: 2015-06-04 11:30

Date reviewed: 2015-06-17 21:24

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|--|---|--|--|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | Google Search: | <input checked="" type="checkbox"/> Accept |
| <input checked="" type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C: Good | <input type="checkbox"/> Grade C: A great deal of language polishing | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade D: Rejected | <input checked="" type="checkbox"/> Plagiarism | <input type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E: Poor | | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Major revision |
| | | BPG Search: | |
| | | <input type="checkbox"/> The same title | |
| | | <input type="checkbox"/> Duplicate publication | |
| | | <input type="checkbox"/> Plagiarism | |
| | | <input checked="" type="checkbox"/> No | |

COMMENTS TO AUTHORS

This invited mini-review does an overall fantastic job of reviewing the current literature surrounding nucleosome structure and stability to facilitate accessibility of transcription factor binding. The reviewers tout their own work as evidence of how the canonical nucleosome N is restructured by HMGB1 into a new conformations N' and N'' which allow for greater binding affinity of ER. While the mini-review is well-organized and comprehensive, it should be reviewed thoroughly for minor errors, only a few of which have been noted below: 1) "Here in" in paragraph 1 of the Introduction should be one-word, "Herein". 2) "wlh" in paragraph 2 of the Introduction should be "with". 3) Ampersands, such as those used in the Introduction, should not be used in scientific manuscripts. 4) Two lines of text in paragraph 3 of the section entitled, "ENERGY LANDSCAPE MODEL: EFFECT OF HMGB1 ON DYNAMICS OF NUCLEOSOME STRUCTURE" should be black and not gray.