

PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

Manuscript NO: 36538

Title: PDRG1 at the interface between intermediary metabolism and oncogenesis

Reviewer's code: 02615988

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2017-10-06

Date reviewed: 2017-10-06

Review time: 4 Hours

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

COMMENTS TO AUTHORS

available

PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

Manuscript NO: 36538

Title: PDRG1 at the interface between intermediary metabolism and oncogenesis

Reviewer's code: 00008736

Reviewer's country: Germany

Science editor: Fang-Fang Ji

Date sent for review: 2017-10-06

Date reviewed: 2017-10-14

Review time: 7 Days

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|--------------------------|---|---------------------------|-----------------------------------|
| [Y] Grade A: Excellent | [Y] Grade A: Priority publishing | Google Search: | [Y] Accept |
| [] Grade B: Very good | [] Grade B: Minor language polishing | [] The same title | [] High priority for publication |
| [] Grade C: Good | [] Grade C: A great deal of language polishing | [] Duplicate publication | [] Rejection |
| [] Grade D: Fair | [] Grade D: Rejected | [] Plagiarism | [] Minor revision |
| [] Grade E: Poor | | [Y] No | [] Major revision |
| | | BPG Search: | |
| | | [] The same title | |
| | | [] Duplicate publication | |
| | | [] Plagiarism | |
| | | [Y] No | |

COMMENTS TO AUTHORS

This is a comprehensive and complete Review on the biology and pathobiology of PDRG1 and its role in various disease Settings. The only recommendation would be to use the full Name of the gene in the title of the article.

PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

Manuscript NO: 36538

Title: PDRG1 at the interface between intermediary metabolism and oncogenesis

Reviewer's code: 00698952

Reviewer's country: China

Science editor: Fang-Fang Ji

Date sent for review: 2017-10-06

Date reviewed: 2017-10-17

Review time: 10 Days

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|--|---|--|--|
| <input checked="" type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | Google Search: | <input type="checkbox"/> Accept |
| <input 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"/> No | <input checked="" type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E: Poor | | BPG Search: | <input type="checkbox"/> Major revision |
| | | <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 has summarized and discussed in the manuscript the literature findings on an UV-responsive gene PDRG1 together with the data of the author's lab on the interaction between PDRG1 and methionine adenosyltransferases. The manuscript has explained lucidly what is known hitherto about PDRG1, its basic science and its probable role in cancers and non-cancerous diseases. Overall, it is a fair, competent and useful review article. There are only a couple of minor issues that need to be addressed: 1) About the last subheading on page 10 which states that PDRG1 contributes to the role of URI/prefoldin complex in nutrient signalling. However, what the findings so far about PDRG1 in the context of the complex is that it is a component of the latter; what it does in the complex is not clear. To state at this stage that PDRG1 contributes to the role of URI/prefoldin complex in nutrient signalling is scientifically vague. 2) While the manuscript is very interesting to read and, indeed, readable, there is room for



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improvement about the English. For starters, The 'XX century' on the first line of Introduction should be changed to '20th century'. The phrase 'in turn' which appears frequently in the manuscript is often incorrectly used or simply redundant. A comma is missing after 'To date' on page 4. When referring to the location of a gene on, say chromosome 2, it should be written like so: 'the gene is located on chromosome 2', not 'the gene locates to chromosome 2'. The use of 'which' is in places confusing. The phrase 'due exclusively to' on page 7 should be changed to 'caused exclusively by'. When referring to the second object in the preceding clause, 'latter' should be used instead of 'last'. There are also sporadic errors in the use of tense, preposition and punctuation.

PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

Manuscript NO: 36538

Title: PDRG1 at the interface between intermediary metabolism and oncogenesis

Reviewer's code: 02686084

Reviewer's country: Mexico

Science editor: Fang-Fang Ji

Date sent for review: 2017-10-06

Date reviewed: 2017-10-17

Review time: 10 Days

| 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"/> [Y] Accept |
| <input checked="" type="checkbox"/> [Y] Grade B: Very good | <input checked="" type="checkbox"/> [Y] 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 type="checkbox"/> Plagiarism | <input type="checkbox"/> [] Minor revision |
| <input type="checkbox"/> Grade E: Poor | | [Y] No | <input type="checkbox"/> [] Major revision |
| | | BPG Search: | |
| | | <input type="checkbox"/> The same title | |
| | | <input type="checkbox"/> Duplicate publication | |
| | | <input type="checkbox"/> Plagiarism | |
| | | [Y] No | |

COMMENTS TO AUTHORS

Authors make an interested review about of PDRG1, oncogene, in several types of tumors that concomitantly show global DNA hypomethylation, and its putative roles in pathology. The paper is accepted with some modifications. Is necessary that author check grammatical mistakes in the manuscript, please check the added file.

PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

Manuscript NO: 36538

Title: PDRG1 at the interface between intermediary metabolism and oncogenesis

Reviewer's code: 02567328

Reviewer's country: Italy

Science editor: Fang-Fang Ji

Date sent for review: 2017-10-06

Date reviewed: 2017-10-20

Review time: 13 Days

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|--|--|--|--|
| <input type="checkbox"/> Grade A: Excellent | <input checked="" type="checkbox"/> Grade A: Priority publishing | Google Search: | <input checked="" type="checkbox"/> Accept |
| <input checked="" type="checkbox"/> Grade B: Very good | <input 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 |
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| <input type="checkbox"/> Grade E: Poor | | [Y] No | <input type="checkbox"/> Major revision |
| | | BPG Search: | |
| | | <input type="checkbox"/> The same title | |
| | | <input type="checkbox"/> Duplicate publication | |
| | | <input type="checkbox"/> Plagiarism | |
| | | [Y] No | |

COMMENTS TO AUTHORS

In the manuscript "PDRG1 at the interface between intermediary metabolism and oncogenesis" the goal of the author is to describe the state of art concerning PDRG1. After a research in PubMed I observed that there are not reviews about PDRG1 exhaustive such the manuscript revised. The manuscript is well written and organized. It is recommended for anyone who wants to know PDRG1 and for experts of the fields.