JOURNAL OF BIOMEDICINE AND TRANSLATIONAL RESEARCH

Original Research Articles

The Correlations between Cord Blood Leptin and Leptin Level at Six Months with Infant Growth

Ika Rara Rosita[1], Agustini Utari[2], Maria Mexitalia[3*]

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lymphoid tissues.

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  (Maria Mexitalia)

lower weight gain during infancy was conducted due to a lower increase in adiposity in early infancy.[11] Meanwhile, a cohort study in the UK that assessed umbilical cord leptin levels and their relation with the

50 subjects

MATERIALS AND METHODS

Bukti Konfirmasi Submit Artikel

No	Perihal	Tanggal
1.	Bukti submit diterima	25-07-2021
2.	Bukti reviewer comments 1	18-08-2021
3.	Bukti menjawab hasil review	21-08-2021
4.	Bukti journal menerima revisi	23-08-2021
5.	Bukti reviewer comments 2	27-08-2021
6.	Bukti acceptance	27-08-2021

1. Tanggal 25 Juli 2021

Gmail

Maria Mexitalia <dr.mexitalia@gmail.com>

[JBTR] Submission Acknowledgement
4 messages

Editorial Office of JBTR <jbtr@fk.undip.ac.id>
Reply-To: Maria Mexitalia <dr.mexitalia@gmail.com>
To: Maria Mexitalia <dr.mexitalia@gmail.com>

Sun, Jul 25, 2021 at 11:17 PM

Dear Maria Mexitalia,

Thank you for submitting the manuscript, "The Correlations between Cord Blood Leptin and Leptin Level at Six Months with Infant Growth" to Journal of Biomedicine and Translational Research. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL: https://ejournal2.undip.ac.id/index.php/jbtr/author/submission/11821
Username: mexitalia

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Editorial Office of JBTR
Journal of Biomedicine and Translational Research

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Journal of Biomedicine and Translational Research
http://ejournal2.undip.ac.id/index.php/jbtr

2. Tanggal 18 Agustus 2021

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[JBTR] Review Result   Inbox ×

Editor JBTR <editorjbtr@fk.undip.ac.id>
to me, ikarara_rosita, agustiniutari

Wed, Aug 18, 2021, 9:54 AM

Manuscript ID: #11821
Manuscript Title: The Correlations between Cord Blood Leptin and Leptin Level at Six Months with Infant Growth
Journal of Biomedicine and Translational Research (JBTR)

Dear Author(s),

Thank you for submitting the above manuscript to the JBTR for consideration of publication.
We are pleased to inform you that the blinded peer review process is completed. The reviewer comments are appended below for the authors' revision.

Please revise the manuscript and submit 2 copies (one clean copy and one annotated blinded copy) of the revised submission to the editorial office by 22 August 2021.
In the annotated blinded copy, indicate all changes made by yellow-highlighting the amended portions and also by identify the location (page, paragraph and line numbers) in the manuscript. The numbers should correspond to the numbering of your reply to the reviewer comments. Please include a blinded cover letter providing a point-by-point reply to the reviewer comments, and number each point accordingly.

To submit your revision, go to https://ejournal2.undip.ac.id/index.php/jbtr and log in as an Author. Under the menu item 'Active Submissions', you will be able to find your submission record.

[JBTR] Review Result

3 messages

Editor JBTR <editorjbtr@fk.undip.ac.id>   Wed, Aug 18, 2021 at 9:54 AM
Reply-To: Editor JBTR <editorjbtr@fk.undip.ac.id>
To: Maria Mexitalia <dr.mexitalia@gmail.com>, ikarara_rosita@yahoo.com, agustiniutari@gmail.com

Manuscript ID: #11821
Manuscript Title: The Correlations between Cord Blood Leptin and Leptin Level at Six Months with Infant Growth
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In the annotated blinded copy, indicate all changes made by yellow-highlighting the amended portions and also by identify the location (page, paragraph and line numbers) in the manuscript. The numbers should correspond to the numbering of your reply to the reviewer comments. Please include a blinded cover letter providing a point-by-point reply to the reviewer comments, and number each point accordingly.

To submit your revision, go to https://ejournal2.undip.ac.id/index.php/jbtr and log in as an Author. Under the menu item 'Active Submissions', you will be able to find your submission record.

Thank you for your support to the JBTR.
Yours sincerely,

Editor
Journal of Biomedicine and Translational Research (JBTR)
_____
Reviewers' and Editorial comments:

_____
Reviewers' and Editorial comments:

Editorial review:
Corrections:
- A prospective cohort study, to be, A prospective SINGLE cohort study
- age 0-6 months, to be, NEWBORN
- the consort diagram, to be, the strobe diagram

Reviewer 1
Section I: Comments per Section of Manuscript
1. Abstract: Clear, it describes all the content
2. Introduction: Clear
3. Methodology: Clear
4. Results: Not clear
5. Discussion: Not clear
6. Conclusion: Not clear
Further comments on Results, Discussion and Conclusion:
The idea of the paper is quite good, however I have some further concerns:
- The paper said that the leptin level at 6 months is lower than at birth. Does it mean that most of the subjects had lower leptin levels at six months compared to that at birth, meaning most of the subjects had a decrease in leptin levels (a negative delta)? So, what did the authors want to say when they said the delta leptin was positively correlated with the delta whz and waz? Does it mean to say, the less the decrease the better the growth? Discuss this finding further.
- The introduction said that "high umbilical cord leptin levels were associated with slow weight gain at birth and at two months of age", I do not see this is addressed in the results, discussion nor conclusion.
- Please discuss more whether the higher the delta whz or the higher the delta waz related to leptin level isa good thing because it may mean higher risk for obesity. Is there a data on how many percent of the subjects are obese/ overweight?

Section II (Cont.)

7.   Bibliography/References: Ok

8.   Decision: Significant revision on Results, Discussion and Conclusion is needed

Recommendation: Requires moderate revision

Reviewer 2

Section I: Comments per Section of Manuscript

1.   General Comment:

This study was conducted to determine the association between leptin levels from umbilical cord and leptin levels at age of 6 month offspring as well as their growth.

This interesting study was a cross sectional research conducted in Indonesian population in a tertiary health care. The manuscript has been well-written.

However, there are several aspects in the manuscript that still should be addressed and can be improved.

2.   Abstract:

Clear, it describes all the content.

Based on comments on the manuscript, several sentences should be revised.

3.   Introduction:

In general is clear, but there are suggestions to authors below:

a.   First line of paragraph 2. "The leptin concentration in serum represents the body fat mass during fetal life, infancy, childhood, and adulthood". (1) is this sentence cited from a reference elsewhere? If yes, please write the citation. (2) I found similarity of this sentence with a sentence from a published paper in PLOS One [https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0113024] section introduction, paragraph 2: "Evidence shows that serum leptin concentrations reflect body fat mass during foetal life, infancy, childhood and adulthood".

Please check it and rephrase your sentence.

b.   Line 10 of paragraph 2: adipose tissues and lean tissues perhaps can be replaced with adipose and muscle tissues.

c.   Line 4 of last paragraph, sentence collaboration research would be more appropriate to replace joint research

4.   Methodology:

In general is clear, a suggestion to be considered is described:

In the paragraph 3 of methods section (data analysis). Were the data not normally distributed? If that is the case, I would suggest you to describe this early stage of analysis.

5. Results:
Clear enough, but a concern has been raised:
In the paragraph 3 of the results section: I did not read the consistency between analysis strategy described in the methods and the results.
Please check it in methods section: it is written: "The correlation between leptin levels and the growth of infants until six months was examined using Spearman's correlation".
Based on that, what I would expect as reader is to read the association of the absolute value of leptin levels from cord and the absolute levels of leptin during 6 months as well as the growth indices (Table 3).

But authors have also described in Table 2 the association of delta (change) of leptin and change of growth indices.

I was just wondering, would that description in Table 2 be more meaningful than Table 3?

Author have analyzed the association between the change/delta of leptin 0-6 and growth indices 0-6, did you have taken into account other biomarkers that may affect the change/delta?

Please be careful, when authors have decided to analyze the delta, means all potential confounding has to be taken into account. In fact I did not read other potential confounding/biomarkers were measured in this manuscript.

6. Discussion:
In general is well-written.

However, most of the paragraph discuss the support/discrepancy as compared to other published studies.

Perhaps, I would suggest to authors, could elaborate more on the mechanism aspects as this may be more relevant to the journal scope.

Maybe it could be started with what is the nutritional status of the children in this study? And why this population was included.

Why cord leptin levels may determine the growth indices during early childhood? What determines the leptin concentrations in the blood of childhood during their growth? Is it only diet per se? or could also be due to epigenetic programming on leptin gene expressed in umbilical cord? Please elaborate in this area.

If we look at PubMed, more mechanistic studies in this area have been published.

7. Conclusion:
Clear, few revised has been suggested:

authors concluded "The greater decrease in leptin levels at six months of age is related to better infant growth".

In this manuscript, you have only took limited data into account. And determine this type of conclusion is not sufficient enough, until authors have described the modelling in the multivariate analysis the association between the delta of leptin levels and the delta of growth indices.

I would suggest to rephrase that the decreased of leptin levels at six months of children age is associated to better infant growth.

Section II (Cont.)
8. Bibliography/References: I found 1 potentially similar sentence without cited the source. Check the introduction

Section III: Grammar Issues
Sentences/paragraph that should be revised:
9. Abstract:
A total of 50 babies perhaps could be replaced with

A total of 50 early childhood…

Section II (Cont.)
8.   Bibliography/References: I found 1 potentially similar sentence without cited the source. Check the introduction

Section III: Grammar Issues
Sentences/paragraph that should be revised:
9.   Abstract:
A total of 50 babies perhaps could be replaced with

A total of 50 early childhood…

Several sentences in the results section of Abstract could be revised after suggestions in the manuscript is being addressed.

10.   Discussion:
1.   Our study found that… please be replaced by our study showed that…
2.   In general is well-written, but in context, author should check the reviewer comments substantially.
11.   Conclusion: In general, the English is well-written.

Recommendation: Requires moderate revision

_____

📄 **Resume Review Result 1-Manuscript 17.docx**
    27K

3. Tanggal 21 Agustus 2021

Maria Mexitalia <dr.mexitalia@gmail.com>   Sat, Aug 21, 2021 at 7:52 PM
To: Editor JBTR <editorjbtr@fk.undip.ac.id>
Cc: Titut Dr SpA <agustiniutari@gmail.com>, ikarara_rosita@yahoo.com
Bcc: Maria Mexitalia <dr.mexitalia@gmail.com>

Dear
Editor Journal of Biomedicine and Translational Research (JBTR)

Thank you for send us the Comment and Suggestion from Reviewer. We would like to submit our
manuscript's revision to the system
https://ejournal2.undip.ac.id/index.php/jbtr and log in as an Author, but I met difficulties and the system revealed the
DB Error : MySQL server has gone away.

Due to the deadline (it will be tomorrow August 22, 2021), I would like to ask your permission to send the manuscript's
revision by email.

Herewith I send 2 copies, one with the yellow highlight and one clean paper, and one paper consist of reply for
reviewer comment.

Thank you for your kind attention and help.

Correspondence author

Maria Mexitalia

[Quoted text hidden]

3 attachments

📄 **JBTR#11821 manuscript revision with highlight.docx**
75K

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📄 **JBTR #11821 Reply Reviewer.docx**
32K

Reviewer Number	Original comments of the reviewer	Reply by the author(s)	Changes done on page number and line number
Editorial review	Corrections: - A prospective cohort study, to be, A prospective SINGLE cohort study - age 0-6 months, to be, NEWBORN	Thank you for your suggestion. We have changed the term - A prospective cohort study, to be, A prospective SINGLE cohort study - age 0-6 months, to be, NEWBORN	Page 1 line 23
	- the consort diagram, to be, the strobe diagram	- the consort diagram, to be, the strobe diagram	Page 10 line 292
Reviewer 1	Section I: Comments per Section of Manuscript 1. Abstract: Clear, it describes all the content 2. Introduction: Clear 3. Methodology: Clear 4. Results: Not clear 5. Discussion: Not clear 6. Conclusion: Not clear	Thank you for the compliment and appreciation, especially for abstract, introduction and methodology.	
	The idea of the paper is quite good, however I have some further concerns:		
	The paper said that the leptin level at 6 months is lower than at birth. Does it mean that most of the subjects had lower leptin levels at six months compared to that at birth,	Yes, we add the explanation at table 2 and one alinea at the Result, which mention as below	

	meaning most of the subjects had a decrease in leptin levels (a negative delta)? So, what did the authors want to say when they said the delta leptin was positively correlated with the delta whz and waz? Does it mean to say, the less the decrease the better the growth? Discuss this finding further.	Table 2 showed a significant difference in the mean value of leptin at six months of age (2300 ± 2123 ng/dL.) than the cord blood leptin levels (5884 ± 1879 ng/dL.) with p<0.001. Leptin levels decreased significantly at six months of age with the delta leptin -3584 ± 2811 ng/dL.	Page 4 line 106-108
		Table 2.	Page 11 line 298
		And the sentence at Conclusion :	
		The decreased leptin levels at six months of age are associated to better infant growth.	Page 6 line 173
	The introduction said that "high umbilical cord leptin levels were associated with slow weight gain at birth and at two months of age", I do not see this is addressed in the results, discussion nor conclusion.	Thank you for your suggestion. We replace the sentence with the new one, i.e. high umbilical cord leptin levels were associated with slow weight gain at birth and at four months of age.	Page 2 line 52-53
		And add some sentences at Discussion	
		The cohort study in the UK showed that high umbilical cord leptin levels were associated with slow weight gain at four months of age.[17] Our result showed no correlation between cord blood leptin with the anthropometric status at six months, but the decreasing of leptin level revealed by delta leptin level was correlated with the weight gain.	Page 5 line 137-141
	Please discuss more whether the higher the delta whz or the higher the delta waz related to leptin level is good thing because it may mean higher risk for obesity. Is there a data on how many percent of the subjects are obese/ overweight?	Thank you for your suggestion. We add explanation at Results	

		our subjects were normal nutritional status both at the newborn and at the six months old, based on WHO growth standard.[14]	Page 4 line 103-105	
		and Conclusion		
		Further studies are needed for a more extended period to evaluate the fat mass and the risk of obesity in childhood related to leptin levels.	Page 6 line 174 - 176	
Reviewer 2	1. General Comment: This study was conducted to determine the association between leptin levels from umbilical cord and leptin levels at age of 6 month offspring as well as their growth. This interesting study was a cross sectional research conducted in Indonesian population in a tertiary health care. The manuscript has been well-written. However, there are several aspects in the manuscript that still should be addressed and can be improved.	Thank you for the compliment and appreciation.	
	2. Abstract: Clear, it describes all the content. Based on comments on the manuscript, several sentences should be revised.	Thank you for your suggestion. We make some revision at Abstract, and make yellow highlight for the revision.	Page 1 line 16 - 35
	3. Introduction: In general is clear, but there are suggestions to authors below:		

	a. First line of paragraph 2. "The leptin concentration in serum represents the body fat mass during fetal life, infancy, childhood, and adulthood". (1) is this sentence cited from a reference elsewhere? If yes, please write the citation. (2) I found similarity of this sentence with a sentence from a published paper in PLOS One [https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0113024] section introduction, paragraph 2: "Evidence shows that serum leptin concentrations reflect body fat mass during foetal life, infancy, childhood and adulthood". Please check it and rephrase your sentence.	Thank you for your suggestion. We deleted this sentences and replace with this one. Leptin was detected in the third trimester of pregnancy and its levels increased with the development of adipose tissue, then it started to decline at 6 months old infant.[9]	Page 2 line 47-48	
	b. Line 10 of paragraph 2: adipose tissues and lean tissues perhaps can be replaced with adipose and muscle tissues. c. Line 4 of last paragraph, sentence collaboration research would be more appropriate to replace joint research	Thank you. We have changed the lean tissue with muscle tissue, and joint research to collaboration research	Page 2 line 56 Page 2 line 62	
	4. Methodology: In general is clear, a suggestion to be considered is described: In the paragraph 3 of methods section (data analysis). Were the data not normally distributed? If that is the case, I would suggest you to describe this early stage of analysis.	Thank you for your suggestion. We added some sentences The normality test was conducted to determine the distribution of numeric data. The difference between newborn's anthropometric and cord blood leptin level with those at six months was analyzed by using paired t test or Wilcoxon test.	Page 3 line 87 - 90	

| | 5. Results:
Clear enough, but a concern has been raised:
In the paragraph 3 of the results section: I did not read the consistency between analysis strategy described in the methods and the results.
Please check it in methods section. it is written. "The correlation between leptin levels and the growth of infants until six months was examined using Spearman's correlation".
Based on that, what I would expect as reader is to read the association of the absolute value of leptin levels from cord and the absolute levels of leptin during 6 months as well as the growth indices (Table 3). | Thank you for your advice. We add one table, i.e. table 2. Thus the manuscript have 4 tables now.

Table 2 showed a significant difference in the mean value of leptin at six months of age (2300 ± 2123 ng/dL) than the cord blood leptin levels (5884 ± 1879 ng/dL) with p<0.001. Leptin levels decreased significantly at six months of age with the delta leptin -3584 ± 2811 ng/dL.
The correlations between the infant's cord blood leptin level and leptin level at 6 months with growth variables at six months of age were presented in table 3. There was a significant positive correlation between leptin levels at six months of age and WLZ (p <0.001), and a positive correlation between leptin levels and WAZ at six month of age, however there were no correlation between cord blood leptin level with any variables of growth. Table 4 showed the correlation between delta leptin on growth described by delta WAZ, LAZ, and WLZ. This study found that delta leptin was correlated with growth based on the delta WLZ (r 0.486; p=0.002) and the delta WAZ (r 0.465; p=0.003).

Table 2, Table 3 and Table 4 | Page 4 line 106-116

Page 11 line 298 - 305 |
| | But authors have also described in Table 2 the association of delta (change) of leptin and change of growth indices.

I was just wondering, would that description in Table 2 be more meaningful than Table 3?

Author have analyzed the association between **the change/delta** of leptin 0-6 and growth indices 0-6, did | Thank you very much.

We changed table 2 and 3 to be table 2, table 3 and table 4.

We put one additional paragraph

Several other hormones such as insulin, IGF-1, growth hormone, adiponectin play a role in metabolic regulation and somatic growth. Similarly, maternal body mass index | Page 11 line 298 – 305 |

| | you have taken into account other biomarkers that may affect **the change/delta**?

Please be careful, when authors have decided to analyze the delta, means all potential confounding has to be taken into account. In fact I did not read other potential confounding/biomarkers were measured in this manuscript. | and breastmilk are related to regulation of energy expenditure and body weight in infant and later life.[28] The limitation of this study is that we did not analyze body mass index in mothers, nor the breastfeeding and other biomarkers from cord blood and the six month old infants. | Page 6 line 165-169 |
| | 6. Discussion:
In general is well-written.

However, most of the paragraph discuss the support/discrepancy as compared to other published studies.

Perhaps, I would suggest to authors, could elaborate more on the mechanism aspects as this may be more relevant to the journal scope.

Maybe it could be started with what is the nutritional status of the children in this study? And why this population was included.

Why cord leptin levels may determine the growth indices during early childhood? What determines the leptin concentrations in the blood of childhood during their growth? Is it only diet per se? or could also be due to epigenetic programming on leptin gene expressed in umbilical cord? Please elaborate in this area. | Thank you for your suggestion.
We added the explanation as a limitation of the study, because we only measured the leptin level on this manuscript.

Several other hormones such as insulin, IGF-1, growth hormone, adiponectin play a role in metabolic regulation and somatic growth. Similarly, maternal body mass index and breastmilk are related to regulation of energy expenditure and body weight in infant and later life.[28] The limitation of this study is that we did not analyze body mass index in mothers, nor the breastfeeding and other biomarkers from cord blood and the six month old infants. | Page 6 line 165-169 |

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6.	Discussion: In general is well-written. However, most of the paragraph discuss the support/discrepancy as compared to other published studies. Perhaps, I would suggest to authors, could elaborate more on the mechanism aspects as this may be more relevant to the journal scope. Maybe it could be started with what is the nutritional status of the children in this study? And why this population was included. Why cord leptin levels may determine the growth indices during early childhood? What determines the leptin concentrations in the blood of childhood during their growth? Is it only diet per se? or could also be due to epigenetic programming on leptin gene expressed in umbilical cord? Please elaborate in this area.	Thank you for your suggestion. We added the explanation as a limitation of the study, because we only measured the leptin level on this manuscript. Several other hormones such as insulin, IGF-1, growth hormone, adiponectin play a role in metabolic regulation and somatic growth. Similarly, maternal body mass index and breastmilk are related to regulation of energy expenditure and body weight in infant and later life.[18] The limitation of this study is that we did not analyze body mass index in mothers, nor the breastfeeding and other biomarkers from cord blood and the six month old infants.	Page 6 line 165-169

	If we look at PubMed, more mechanistic studies in this area have been published.		
7.	Conclusion: Clear, few revised has been suggested: authors concluded "The greater decrease in leptin levels at six months of age is related to better infant growth". In this manuscript, you have only took limited data into account. And determine this type of conclusion is not sufficient enough, until authors have described the modelling in the multivariate analysis the association between the delta of leptin levels and the delta of growth indices. I would suggest to rephrase that the decreased of leptin levels at six months of children age is associated to better infant growth.	Thank you for your suggestion. We rephrased the sentence with this one The decreased leptin levels at six months of age are associated to better infant growth.	
Section II (Cont.) 1. Bibliography/References: I found 1 potentially similar sentence without cited the source. Check the introduction		Thank you very much. We replace with other sentence. Leptin was detected in the third trimester of pregnancy and its levels increased with the development of adipose tissue, then it started to decline at 6 months old infant.[11]	Page 2 loine 47-48
Section III: Grammar Issues Sentences/paragraph that should be revised: 8. Abstract: A total of 50 babies perhaps could be replaced with		Thank you for your suggestion. We replaced with A total of 50 infant	Page 1 line 28

	A total of 50 early childhood… Several sentences in the results section of Abstract could be revised after suggestions in the manuscript is being addressed.		

	9. Discussion:
	  1. **Our study found that… please be replaced by our study showed that….**
	  2. In general is well written, but in context, author should check the reviewer comments substantially.
		Thank you very much.
		
		We replaced our study found to be our study showed
			Page 4 line 110

	10. Conclusion: In general, the English is well-written.	Thank you for your appreciation.	
From authors		We replaced HAZ to be LAZ (length for age z score) And WHZ to be WLZ (weight for length z score)	
		We delete figure 1 because this figure made confusion with the collaboration study. We added new table i.e. table 2 and additional analyzed at table 3. In total the manuscript contain of 4 tables and 1 figure.	
		We added 3 new reference i.e reference no 10, 14 and 28	

4. Tanggal 23 Agustus 2021

Editor JBTR <editorjbtr@fk.undip.ac.id>   Mon, Aug 23, 2021 at 9:57 AM
To: Maria Mexitalia <dr.mexitalia@gmail.com>
Cc: Titut Dr SpA <agustiniutari@gmail.com>, ikarara_rosita@yahoo.com

Dear Author(s),

Thank you for submitting your revised manuscript entitled **"The Correlations between Cord Blood Leptin and Leptin Level at Six Months with Infant Growth"** to Journal of Biomedicine and Translational Research (JBTR). We will double-check your revised article as the editorial process for possible publication in this journal.

If you have any questions, please feel free to contact us. Thank you for considering this journal as a venue for your work.

Best Regards,
Editor
Journal of Biomedicine and Translational Research (JBTR)
Faculty of Medicine, Diponegoro University
Jl. Prof. H. Soedarto, SH Tembalang Semarang 50275
Phone: +62-24-8412311 / Fax: +62-24-8454714
Email: jbtr@fk.undip.ac.id
Website: http://jbtr.fk.undip.ac.id

[Quoted text hidden]

5. Tanggal 27 Agustus 2021

M Gmail   **Maria Mexitalia <dr.mexitalia@gmail.com>**

[JBTR] Second Round Review Result
1 message

Editor JBTR <editorjbtr@fk.undip.ac.id>   Fri, Aug 27, 2021 at 1:16 PM
Reply-To: Editor JBTR <editorjbtr@fk.undip.ac.id>
To: Maria Mexitalia <dr.mexitalia@gmail.com>, agustiniutari@gmail.com, ikarara_rosita@yahoo.com

Dear Author(s),

Thank you for submitting the above manuscript to the JBTR for consideration of publication.
We are pleased to inform you that the second round peer review process is completed. The reviewer comment are appended below for the authors' revision.

Please revise the manuscript and submit 2 copies (one clean copy and one annotated blinded copy) of the revised submission to the editorial office by 28 August 2021.
In the annotated blinded copy, indicate all changes made by yellow-highlighting the amended portions and also by identify the location (page, paragraph and line numbers) in the manuscript. The numbers should correspond to the numbering of your reply to the reviewer comments. Please include a blinded cover letter providing a point-by-point reply to the reviewer comments, and number each point accordingly.

To submit your revision, go to https://ejournal2.undip.ac.id/index.php/jbtr and log in as an Author. Under the menu item 'Active Submissions', you will be able to find your submission record.

Thank you for your support to the JBTR.
Yours sincerely,

Editor
Journal of Biomedicine and Translational Research (JBTR)
_____

Reviewers' comment:

Reviewer 2: I have only a minor textual suggestion in the abstract (with green light). Please find it attached.
_____

Journal of Biomedicine and Translational Research
http://ejournal2.undip.ac.id/index.php/jbtr

_____

📄 JBTR#11821 manuscript revision with highlight.docx
   75K

6. Tanggal 27 Agustus 2021