

Author's Response to Reviewer's Comments

Reviewer number: 1

Paper title: α -Glucosidase Inhibitory Effect of Fermented Fruit Juice of *Morinda citrifolia* L and Combination Effect with Acarbose

Title	Reviewer's Comments	Author's Response
Abstract and Keywords	<p>I suggest to avoid the abbreviations in this section.</p> <p>Line 26 – the meaning of the word fermented noni juice is unclear.</p>	<p>We concur. We have avoided using abbreviation for fermented fruit juice. However, abbreviations were still used for common abbreviations such as LC-MS and SEM, due to word limitation in the abstract.</p> <p>We appreciate the input. However, Noni is used in the keywords as it is a commercial and more common English name for <i>M.citrifolia</i> known across different regions (Abou Assi et al., 2017).</p>
Introduction	<p>Lines 44-45: Same reference should be cited only once in the same sentence or paragraph.</p>	<p>We agree and have fixed this. As it appears now, the said reference only used once in this paragraph.</p>
Methodology	<p>Line 77-83: How were the samples stored before each analysis? For how long were they kept? The obtaining process of the juice is not clearly and completely described. Firstly the author specify the fruits were dried, than, at the end of the fermentation, that the juice was filtered. What was the dry weight of the dried fruits? Was water of other liquid been</p>	<p>The word 'dried' has caused confusion. We referred to the phrase 'after drying' as 'drying the surface of the wet fruit' not drying the fruit into its dried form where the fruit has very little or no water content. We decided to delete the word 'after drying'</p>



	<p>added? Was the fermentation spontaneous? What was the drying temperature of the fruits? For how long was the drying process conducted? Explain that procedure. What was the fermentation temperature of the juice? Was the alcohol fermentation conducted? If yes, how was managed the carbon dioxide formation in plastic bags? For how long was the juice fermented? How was the fermentation stopped? How many replicates were performed?</p> <p>How many replicates were used in this study ?</p>	<p>In order to better describe the fermentation process, the paragraph has been rewritten. In Line 87-93 the paragraph has included information about spontaneous fermentation process used, the length and the temperature of the fermentation process, and how the fermentation was ended. We hope the amended paragraph has now better described the fermentation method.</p> <p>Please refer to the sub-heading 'Statistical analysis' (line 191-193) where we stated that all analysis was carried out in triplicates.</p>
<p>Results and Discussion</p>	<p>Poor description in the Results and discussion section.</p> <p>Line 196: Is strange that LC-MS analysis returned only two peaks. Extraction and quantitative analysis should be revised. How many replicates were performed? Is not specified the extraction procedure of the samples, maybe was not performed at all and this could be the explanation of this poor polyphenols identification. Analysis should be repeated.</p>	<p>Thank you for careful observations.</p> <p>Due to our limitations and access to LC-MS instrument, analysis of the sample (fermented fruit juice) was carried out using LC-MS instrument belong to the Indonesian Institute of Sciences. Based on the specifications of the instrument and measurement conditions as appeared in the text line 100-114, the sample returned to have two peaks.</p> <p>We regret to inform that we cannot repeat the analysis.</p> <p>For the sample preparation: we obtained our sample (fermented fruit juice) not by extraction procedure.</p>



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		We have added information regarding the sample preparation in order to better describe how we obtain the fermented fruit juice. Please see line 16-17 (abstract) and line 86-93.
References (Appropriateness)	No comments in this section.	

Reference:

Abou Assi, R., Darwis, Y., Abdulbaqi, I. M., Khan, A. A., Vuanghao, L., & Laghari, M. H. (2017). Morinda citrifolia (Noni): A comprehensive review on its industrial uses, pharmacological activities, and clinical trials. *Arabian Journal of Chemistry*, 10(5), 691-707. doi: <https://doi.org/10.1016/j.arabjc.2015.06.018>

Author's Response to Reviewer's Comments

Reviewer number: 2

Paper title: α -Glucosidase Inhibitory Effect of Fermented Fruit Juice of *Morinda citrifolia* L and Combination Effect with Acarbose

Title	Reviewer's Comments	Author's Response
Abstract and Keywords	<p>Describes in a very concise way the subject of the research.</p> <p>The authors should try as much as possible to use keywords different from those applied in the title of the manuscript.</p>	<p>Thank you for the suggestion. We have added the subject of the research in the abstract (line 16-17):</p> <p><i>The fruit of M.citrifolia was fermented, and the fruit juice was obtained and evaluated for...</i></p> <p>As suggested, we have revised the keywords to include different words from the title.</p> <p><i>(line 35-36)</i> <i>Additive effect, combination index, fermented noni juice, inhibition kinetics, SEM.</i></p>
Introduction	The background is well exposed. Most importantly, the authors provided a clear goal for their research and the novelty introduced.	Thank you. We appreciate the comments.
Methodology	Clear and organized. The authors should pay attention to the use of abbreviations. The first time a new name appears that	We have fixed this. All throughout the text, abbreviations have been used consistently, in the text,



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	you want to use an abbreviation, the abbreviation is the one that should be between parenthesis, not the other way around. Also if you present the name and abbreviation in the title of the section you no longer need to repeat that information (the same goes for the tables and figures).	tables and pictures.
Results and Discussion	The results are well presented, and the discussion well conducted. There are some small, detectable grammar mistakes that would benefit from a new revision of the manuscript.	The manuscript has been checked again to improve the grammar. Corrections have been made.
References (Appropriateness)	Appropriated. However, the authors should try to replace some of the most dated references for publications made between 2016 and 2019.	We agree. In its current form, references have been updated substantially using the references from 2016 to 2019 (p11 to 13) as recommended. However, in Introduction (p2 and 3) and Discussion (p8 to 11), some references from 2011 – 2013 are used, given that these references were information about previous works of <i>M.citrifolia</i> relevant to the present study.

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Successful Manuscript submission for Current Research in Nutrition and Food Science Journal Inbox x

Current Research in Nutrition and Food Science info@foodandnutritionjournal.org via karif.websitewelcome.com Fri, 18 Jan 2019, 16:30

Dear Adelina Simamora

Thank you for submitting your manuscript "α-Glucosidase Inhibitory Effect of Fermented Fruit Juice of Morinda citrifolia L and Combination Effect with Acarbose" through Online Submission!

Shorty our team will mail you the status of manuscript.

Please feel free to contact us back at info@foodandnutritionjournal.org. Our team will always be glad to answer your inquiries!!!

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Review Reports Inbox

Managing Editor <info@foodandnutritionjournal.org> to me 1 Mar 2019, 12:24

Dear Adelina Simamora,

Greetings

Thank you for your mail.

As per our guidelines, we get two peer reviews done for each article to refine the content quality of our journal. Attached are the two reports of your article. We request you to go through the reports and send us a final **highlighted** revised file including corrections suggested by reviewers. Kindly send us two individual response forms (1 & 2) addressing both the reviewers separately along with one revised manuscript.

Best Regards

Fatima Shaikh
 Editorial Assistant
 Current Research in Nutrition and Food Science
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From: adelina simamora <adelina.simamora@ukrida.ac.id>
Sent: Thursday, February 28, 2019 2:41 PM
To: info@foodandnutritionjournal.org
Subject: Re: Inquiry about the status of our manuscript

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adelina simamora <adelina.simamora@ukrida.ac.id> 16 Mar 2019, 20:55

to Managing, bcc: adelina_1512

Dear Ms Fatima Shaikh

We thank you for considering our manuscript titled ***α -Glucosidase Inhibitory Effect of Fermented Fruit Juice of *Morinda citrifolia* L and Combination Effect with Acarbose*** for publication in your journal.

Please find attached our revised manuscript, together with the response forms each reviewer. We look forward to be able to publish our work in journal.

Thank you in advance
Adelina Simamora

3 Attachments

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Managing Editor <info@foodandnutritionjournal.org> to me Fri, 24 May 2019, 12:40

Dear Dr. Adelina Simamora,

Greetings from Current Research in Nutrition and Food Science Journal!!

We strive hard to share and highlight your research globally among the scientific community.

Your article titled " **α -Glucosidase Inhibitory Effect of Fermented Fruit Juice of *Morinda citrifolia* L and Combination Effect with Acarbose**"

<https://bit.ly/2CMFDA1> was shared on the journal's social media platforms. Please like and share it among your network. The link to your article's post is as follows.

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Your cooperation will be deeply appreciated.

Best Regards

Fatima Shaikh
Editorial Assistant
Current Research in Nutrition and Food Science

1. This article as appeared in the journal website.

The screenshot displays the journal's website interface. At the top, a navigation bar includes links for Home, About, Current Issue, Coming Issue, Archives, Submission, and Contact. The journal's logo, featuring a colorful leaf and a microscope, is positioned on the left, with the title 'Current Research in Nutrition and Food Science' to its right. The ISSN (2347-467X) and Online ISSN (2322-0007) are listed in the top right corner. A search bar is also present.

The main article title is ' α -Glucosidase Inhibitory Effect of Fermented Fruit Juice of Morindacitrifolia L and Combination Effect with Acarbose'. The authors are Adelina Simamora^{1*}, Adit Widodo Santoso², and Kris Herawan Timotius¹. Their affiliations are the Department of Biochemistry and Herbal Medicine at Krida Wacana Christian University, Jakarta, Indonesia. The corresponding author's email is adelina.simamora@ukrida.ac.id. The DOI is <http://dx.doi.org/10.12944/CRNFSJ.7.1.21>.

The 'Article Publishing History' section shows the article was received on 18-01-2019, accepted on 29-03-2019, and published online on 01-04-2019. It also notes a plagiarism check was performed and the article was reviewed by Dr. Teodora Coldea (Romania) and Dr. Helena Prado Felgueiras (Portugal). The final approval was given by Dr. Adele Sapetti.

The 'Article Metrics' section indicates 763 views and 436 PDF downloads. The journal is a member of the Committee on Publication Ethics (COPE) and is indexed in CABELLS Scholarly Analytics, including the Cabels Whitelist. Social media links for Facebook, Twitter, LinkedIn, and YouTube are provided at the bottom.

2. SJR score for this journal

The screenshot shows the homepage of the journal "Current Research in Nutrition and Food Science". At the top, there is a navigation menu with links for Home, About, Current Issue, Coming Issue, Archives, Submission, and Contact. The ISSN is 2347-467X and the Online ISSN is 2322-0007. A search bar is located on the right. Below the navigation is a large banner image of various fresh vegetables including corn, mushrooms, potatoes, tomatoes, and broccoli. The main content area features the journal title and a description: "Current Research in Nutrition and Food Science Journal is an open access, peer reviewed international journal covering all aspects of Nutrition and Food Science." To the right, there is a section for Scopus Journal Metrics, showing a CiteScore 2018 of 0.78 and CiteScore Details. Below this, a box displays the journal's SJR 2018 score of 0.23, categorized as Q3 (best quartile) in Food Science. On the left, there is a thumbnail of the journal cover and an "OPEN ACCESS" logo with submission details: APC: Click Here (Based on income level.), Submission to Acceptance: 95 Days, and Acceptance Rate: 30%.

The screenshot shows the Scimago Institutions Rankings (SJR) website. The header includes "SJR Scimago Journal & Country Rank" and "also developed by scimago: SCIMAGO INSTITUTIONS RANKINGS". A search bar is present with the text "Enter Journal Title, ISSN or Publisher Name". The navigation menu includes Home, Journal Rankings, Country Rankings, Viz Tools, Help, and About Us. Below the navigation, there are four buttons: "Not interested in this ad", "Seen this ad multiple times", "Ad covered content", and "Ad was inappropriate". The main content area displays the journal title "Current Research in Nutrition and Food Science" with a Scimago logo. To the left, it shows the journal's country as India (SJR Ranking of India) and its subject area and category as Agricultural and Biological Sciences, Food Science, and Medicine. On the right, a large number "7" is displayed, representing the H Index. Below the H Index, it says "H Index".

3. This journal was indexed in Scopus data base

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α -glucosidase inhibitory effect of fermented fruit juice of morinda citrifolia l and combination effect with acarbose Open Access	Simamora, A., Santoso, A.W., Timotius, K.H.	2019	Current Research in Nutrition and Food Science 7(1), pp. 218-226	1
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Antidiabetic, Antibacterial and Antioxidant Activities of Different Extracts from Brucea javanica (L.) Merr Seeds Open Access	Simamora, A., Timotius, K.H., Santoso, A.W.	2019	Pharmacognosy Journal 11(3), pp. 479-485	0
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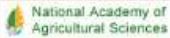




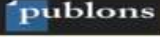
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Dengan ini kami,

Nama : dr. Antonius Ritchi Castilani, M.Si.,DFM

Jabatan : Dekan Fakultas Kedokteran Universitas Kristen Krida Wacana (UKRIDA)

Menerangkan bahwa :

Nama : Dra. Adelina Simamora, MS, MSc (Pharm)

Jabatan : Dosen Departemen Ilmu Biokimia dan ilmu Biomolekuler Fakultas Kedokteran UKRIDA

Telah melaksanakan Penulisan Artikel Penelitian di Jurnal: Current Research in Nutrition and Food Science Volume 7, Issue 1, April – Juli 2019, Pg. 218-226

<http://www.foodandnutritionjournal.org/volume7number1/%CE%BI-glucosidase-inhibitory-effect-of-fermented-fruit-juice-of-morindacitrifolia-l-and-combination-effect-with-acarbose/>

DOI : <http://dx.doi.org/10.12944/CRNFSJ.7.1.21>

ISSN : 2347-467X (Print) ; 2322-0007 (Online)

dengan Judul " α -Glucosidase Inhibitory Effect of Fermented Fruit Juice of *Morinda Citrifolia* L and Combination Effect with Acarbose", sebagai Penulis Pertama.

Demikian surat keterangan ini dibuat dengan sebenar-benarnya, untuk dipergunakan sebagaimana mestinya.

Jakarta, 9 Mei 2019
Fakultas Kedokteran UKRIDA
Dekan,



dr. Antonius Ritchi Castilani, M.Si.,DFM