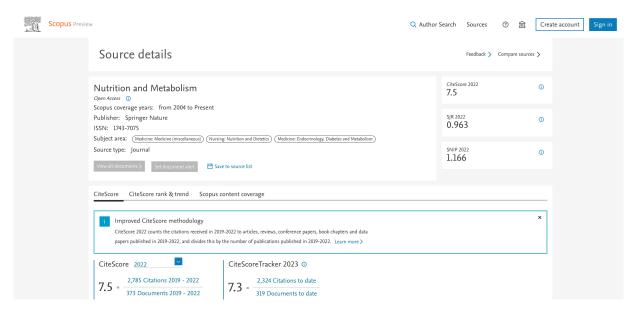
REKAM JEJAK DIGITAL ARTIKEL

THE EFFECT OF CONJUGATED LINOLEIC ACIDS ON INFLAMMATION, OXIDATIVE STRESS, BODY COMPOSITION AND PHYSICAL PERFORMANCE: A COMPREHENSIVE REVIEW OF PUTATIVE MOLECULAR MECHANISMS

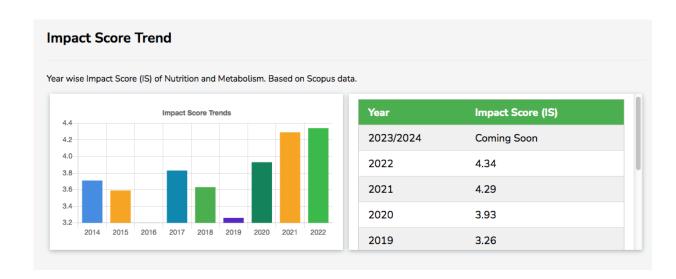
Nutrition & Metabolism 2023

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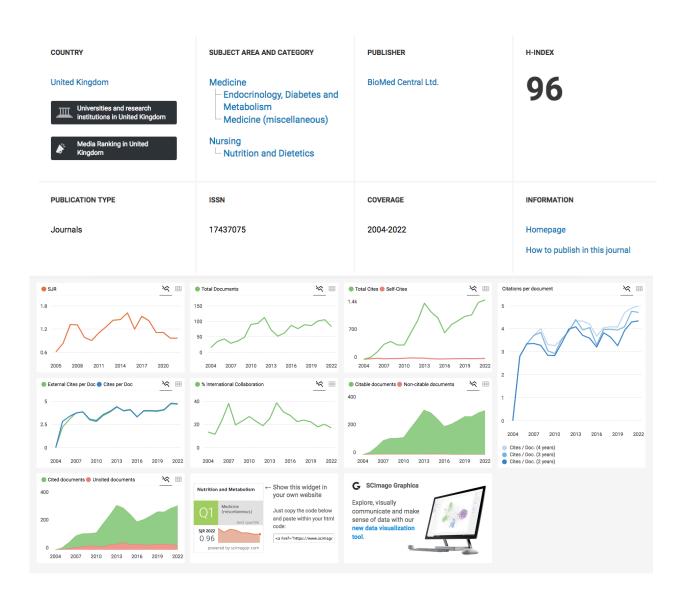


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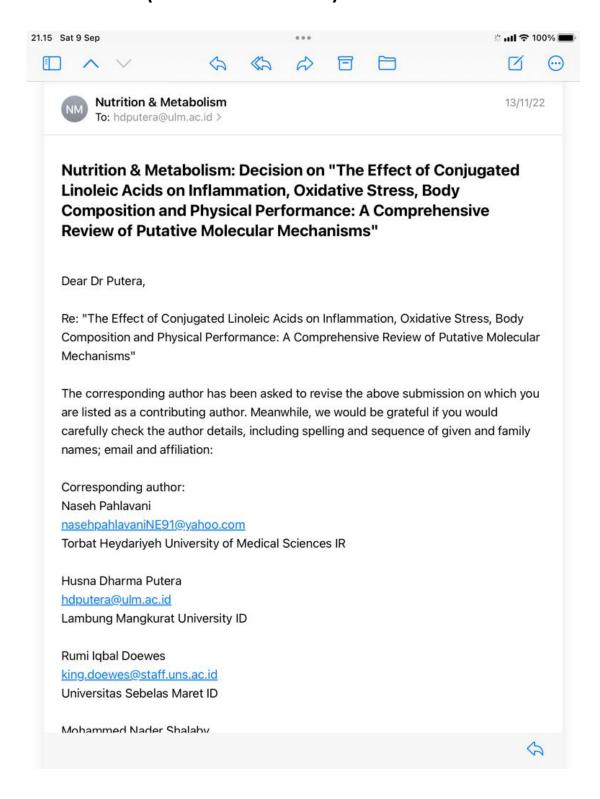


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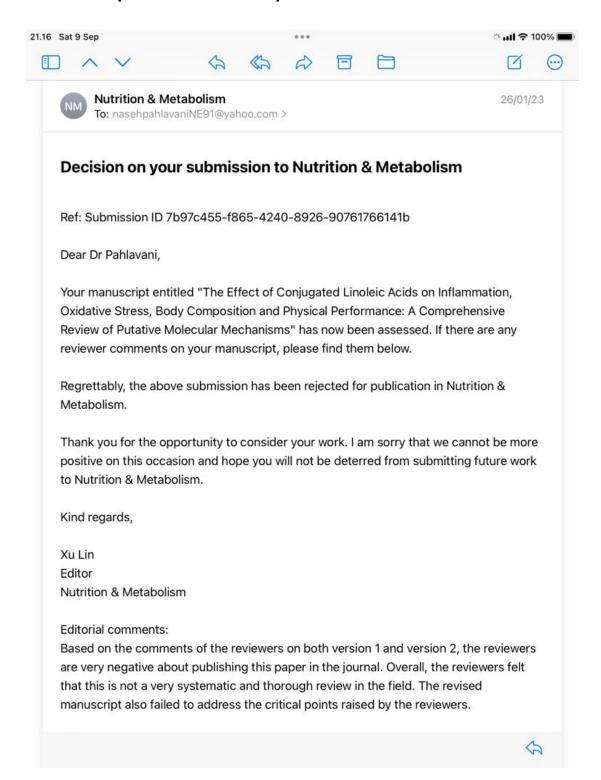
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SUBMISSION (13 NOVEMBER 2022)



REVISION (26 JANUARI 2023)



















Reviewer Comments:

Reviewer 2

I understand that the Authors tried to improve the article according to the reviewers' suggestions, but it seems to me that it still needs a lot of additional work.

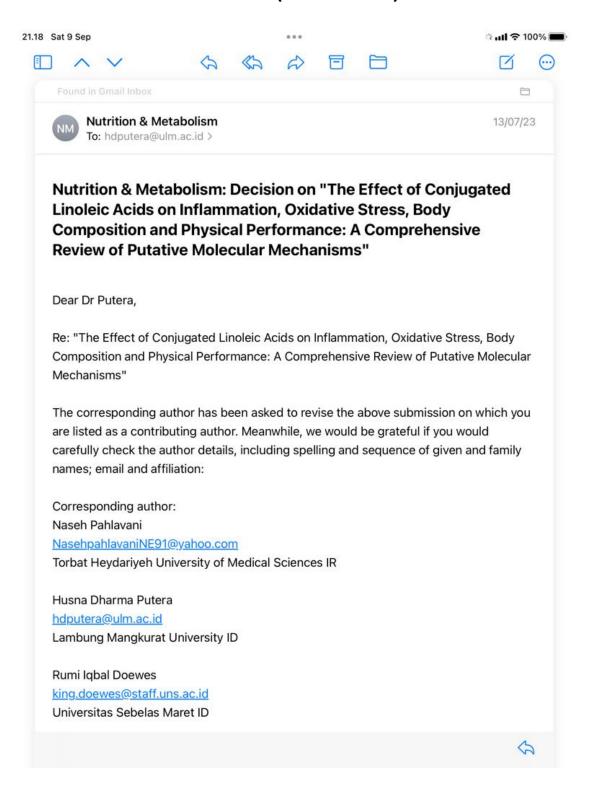
The first error is on page 3, in the text changed by the Authors: "The 18:2cis-9, cis-12 isomer of CLA [...]". It is a big mistake. C18:2 cis-9, cis-12 means just linoleic acid not one of its conjugated isomers. I understand that "the only man who never makes a mistake is the man who never does anything", but this mistake was really basic one. In addition, each time the Authors use a different notation of CLA isomers: c9, t11-CLA, cis9, trans-11, isomers 9 and 11, cis 9, trans 11, cis 9-trans 11 (this one is incorrect), C18:2 cis-9, trans-11. This creates mess in the article and makes the content difficult to understand for a reader who is not familiar with the issue.

In addition, only some of my suggestions were taken into account. The Authors, despite their assurances, did not address point 2 at all and did not correct the erroneous writing: "CLA reduces the production of inflammatory cytokines, such as eicosanoids and prostaglandins". These are not "eicosanoids and prostaglandins" but prostaglandins belong to the eicosanoids.

Similarly, the Authors did not fulfill my another suggestion (point 5 of the first review) – abbreviated forms should be written for the first time with the full name. This applies not only to CLA, but also to other abbreviations for biochemical substances. On the page 4, in the first paragraph, the Authors write about NF-kB, meanwhile, the full name does not appear until the bottom of this page.

Moreover, the article should be carefully checked for English correctness and also for style (in many places the same word is repeated several times in one sentence, e.g. page 4, first paragraph at the top: "in mice reduced inflammation (by preventing NF-κB activation) and ultimately reduced oxidative stress (28). Moreover, an in vitro study demonstrated that CLA (contain cis-9,trans-11 and trans-10,cis-12 isomers) in combination with linoleic acid reduces oxidative stress").

RE-SUBMISSION & REVISION (13 JULI 2023)



SUBMISSION ACCEPTED (25 AGUSTUS 2023)

