Writing in the Sciences > Week 3 > Paragraph editing exercise

Previous Next >



i It looks like this is your first peer-graded assignment. Learn more

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### You passed!

Congratulations. You earned 1 / 1 point. Review the feedback below and continue the course when you are ready. You can also help more peers by reviewing their submissions.

Review assignments

Instructions My submission

Discussions

## The pros and cons of intaking metal ions

Submitted on July 1, 2021

Shareable Link

### PROMPT

Revise the following paragraph to improve clarity, brevity, and organization:

As for many food components, the intake of metal ions can be a double edged sword. The requirement for ingestion of trace metals such as Fe and Cu ions to maintain normal body functions such as the synthesis of metalloproteins is well established. However, cases of excess intake of trace metal ions are credited with pathological events such as the deposition of iron oxides in Parkinson's disease [1]. In addition to aiding neurological depositions, these redox active metals ions have been credited with enhancing oxidative damage, a key component of chronic inflammatory disease [2] and a suggested initiator of cancer [3]. As inflammation is a characteristic feature of a wide range of diseases, further potential pathological roles for metal ions are emerging as exemplified by premature ageing [4].

(Look up any terms that you do not understand, and make your best guess at the authors' intended meaning.)

Consuming metal ions can be a double-edged sword. Ingesting metal irons, i.e. FE or Cu, with a sufficient amount helps maintain body functions, such as the synthesis of metalloproteins. However, ingesting metal irons with excess amount deposes iron oxides in Parkinson's disease [1] and increases oxidative damage, which leads to chronic inflammatory [2], cancer [3], and premature aging [4].

#### RUBRIC

Please review your peers' work to make sure that they have adequately completed the assignment and have improved the readability of the paragraph.

Did the author adequately complete the assignment?

- 0 points
  No, the submission is blank or incomplete or includes only minimal changes to the original text.
- 1 point Yes, the submission includes at least some edits that improve readability.



This exercise has many possible answers, but here is one "model answer" to give you a sense of how much can be cut from this paragraph without sacrificing content:

As for many food components, consuming metal ions can be a double-edged sword. Trace metals such as Fe and Cu ions help maintain normal body functions, such as the synthesis of metalloproteins. However, studies have linked excess intake to oxidative damage [2] and inflammation, as well as specific conditions, including Parkinson's disease [1], cancer [3], and premature ageing [4].

Please provide your peer with specific written feedback to help him/her further improve the paragraph. For example, you may want to point out specific examples of repetition, passive voice, jargon, wordiness, or grammatical errors. Also, let the author know what you liked about his/her submission!

# 1

## Mtebe Majigo

The peer reorganized the paragraph with loosing the intended meaning. however, there is repetition of words of the same meaning e.g. consuming and ingesting



## Andrea Giglio

Good synthesis



## Marlene Fabiola Escobedo Monge

It's a great job. This task contrasts the beneficial and harmful effects of excessive consumption of Fe and Cu. It is important to write the general harmful effects first and then the specific ones due to excessive Fe and Cu intake.

Edit submission

## Comments

Comments left for the learner are visible only to that learner and the person who left the comment.



Share your thoughts...



Avril Le

18 days ago

You made a great work.