

Review of: "Magnesium and Longevity"

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Potential competing interests: No potential competing interests to declare.

Dear author,

Comments on the article are below:

Introduction

- “Many elements are associated with longevity. Some are well known, e.g., high density lipoprotein cholesterol (HDL-C), heart rate variability (HRV), vitamin D, and telomeres.” These examples should not be mentioned as elements.
- The gut microbiome and longevity information given in the introduction is complex. Magnesium needs to be prioritised, and the gut microbiome and longevity sections need to be separated and reviewed.
- 2. should be deleted in the discussion heading.
- The manuscript title should be changed. It should not only include magnesium.
- The numbers indicated for the reactions in figure 4 should be explained.
- Many molecules other than magnesium are mentioned; the title and content should be organised taking this into account.