Qeios

Peer Review

Review of: "The Future of Longevity Medicine: Repairing the Parts or Preserving the Whole?Holmes' Carriage as a Metaphor for Two Fundamentally Different Models of Aging"

Josh Mitteldorf[1]

1. Independent researcher

Caveat: This essay takes the perspective that aging is something that happens to the body, whereas I have devoted two books and many articles to the thesis that aging is something the body does to itself. Therefore, I am less interested in the primary distinction that this essay presents, between deterioration at the cellular level and deterioration at the integration level. I do not think that the root of aging is deterioration.

The format is to reason by analogy. This is a powerful source of inspiration for scientific analysis, but it cannot substitute for the more difficult task of realizing the ideas in detail and testing them. The essay leaves that prospect for the future, with no technical details supplied, no biochemistry, no citation of experimental validation of its premise.

The essay is excessively repetitive. Furthermore, some things are said more times than is necessary. Also, there are statements that are repeated over and over. A further problem is that there is redundancy.

Suggestion: Condense the main thesis into a single page, then survey evidence for and against the proposition and present that. (The thesis is stronger if evidence against it is acknowledged and steel-manned.) Then propose further experiments that could validate the hypothesis.

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Declarations

Potential competing interests: No potential competing interests to declare.