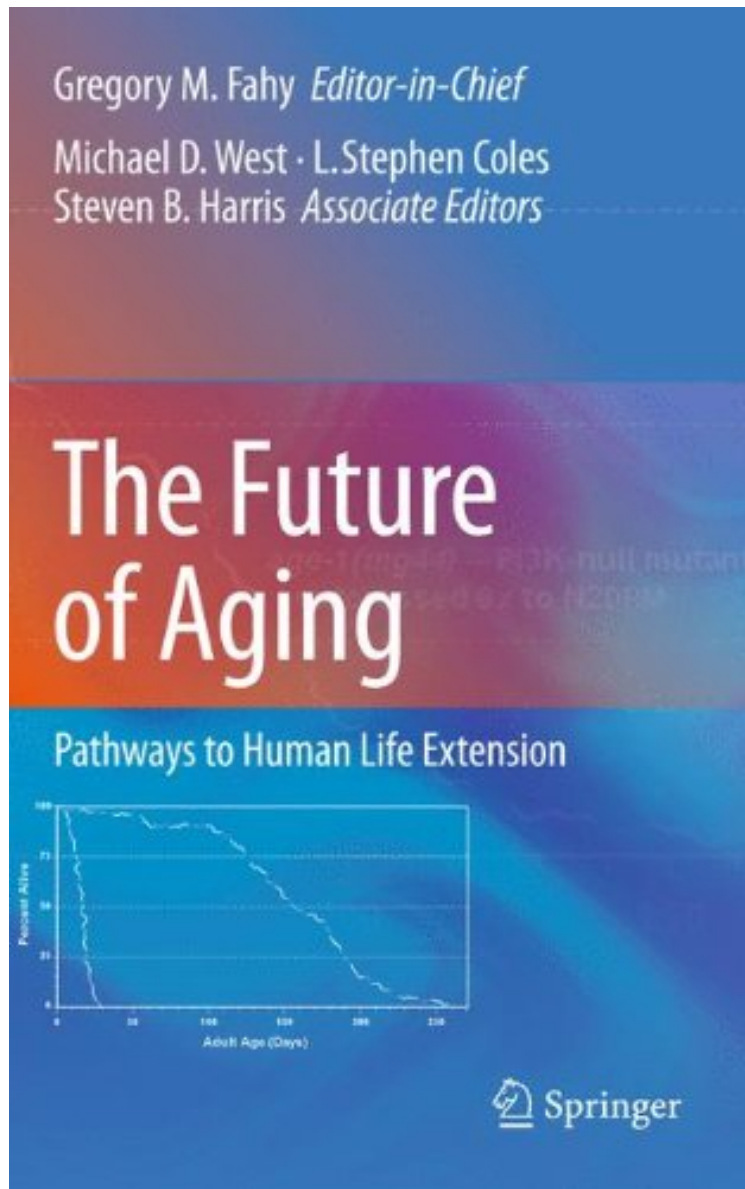


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## The Future of Aging: Pathways to Human Life Extension

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#3091055 in Books Springer 2010-10-02 Original language: English PDF # 1 9.21 x 1.81 x 6.14l, 3.41 #File Name: 9048139988866 pages | File size: 63.Mb

**From Brand: Springer : The Future of Aging: Pathways to Human Life Extension** before purchasing it in order to gage whether or not it would be worth my time, and all praised The Future of Aging: Pathways to Human Life Extension:

21 of 22 people found the following review helpful. Good Hard Science By Jeffrey M. Ferguson The book itself isn't

the "Fountain of Youth," but it certainly describes the developing hard science and theory that may well become that font... backed with clear and unequivocal research, this book should be on every futurist's reading list. I was impressed not with the predictions, but with the convincing thrust of the evidence Dr. Greg Fahy and his colleagues marshal to support their thesis. In this day and age of "limits" and "scaling back" the notion of human, INDIVIDUAL immortality is almost sacrilege -- or so the media and politicians would have us believe. It is time somebody, anybody, stands up and challenges this idea of biological "scarcity" and pushes forward, instead, the notion that the survival of individual intellect, through biological intervention, is worth the effort and the risks.

Just as the health costs of aging threaten to bankrupt developed countries, this book makes the scientific case that a biological "bailout" could be on the way, and that human aging can be different in the future than it is today. Here 40 authors argue how our improving understanding of the biology of aging and selected technologies should enable the successful use of many different and complementary methods for ameliorating aging, and why such interventions are appropriate based on our current historical, anthropological, philosophical, ethical, evolutionary, and biological context. Challenging concepts are presented together with in-depth reviews and paradigm-breaking proposals that collectively illustrate the potential for changing aging as never before. The proposals extend from today to a future many decades from now in which the control of aging may become effectively complete. Examples include sirtuin-modulating pills, new concepts for attacking cardiovascular disease and cancer, mitochondrial rejuvenation, stem cell therapies and regeneration, tissue reconstruction, telomere maintenance, prevention of immunosenescence, extracellular rejuvenation, artificial DNA repair, and full deployment of nanotechnology. The Future of Aging will make you think about aging differently and is a challenge to all of us to open our eyes to the future therapeutic potential of biogerontology.