

Abstract Submitted
for the APR06 Meeting of
The American Physical Society

Impact of Gravitational Variations on Aging SHANTILAL GORADIA, Gravity Research Institute, Inc. — Einstein's 1919 removal of the cosmological constant as a consequence of his analysis suggests a synonymy between gravitation and nuclear force, which is complimentary and supplementary to my suggestion of the synonymy between nuclear force and gravitation supporting the inflationary universe in version 2 of <http://www.arXiv.org/physics/0210040> and vice versa. In version 1 of the same article, I am going a step deeper to suggest that all coupling constants are increasing with time consistent with Dirac's LNH and an observation that the universal constant of gravity is decreasing with time. The variations of coupling constants must inevitably impact the binding energy of organic particles resulting in an impact on the chemical energy output of the power plants of biological cells (DNA of Mitochondria). The web site http://home.comcast.net/~neardeath/science/001_pages/28.htm suggests a link between such energy outputs and aging. If the changes in the chemical energy output can be compensated by some means, it may be possible to reverse the aging process. This makes it important to establish whether the universal constant of gravity is changing as once reported. Gravity cannot be discounted as weak as done in the past, because the coupling constants it generates are not weak, nor fixed.

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Date submitted: 26 Jan 2006

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