A summary of theories of aging, based on experimental facts

Aging: Facts and Theories

Editors
Ladislas Robert
Tamas Fulop

Contents

- Preface
- The Commitment of Human Cells to Senescence: Holliday, R.
- Evolutionary Theories of Aging Can Explain Why We Age: Le Bourg, E.
- Control of Cell Replication during Aging: Macieira-Coelho, A.
- Cell Senescence: Role in Aging and Age-Related Diseases: Campisi, J.; Robert, L.
- Oxidative Stress, Mitochondrial Dysfunction and the Mitochondria Theory of Aging: Kong, Y.; Trabucco, S.E.; Zhang, H.
- Aging of Connective Tissues: Experimental Facts and Theoretical Considerations: Labat-Robert, J.; Robert, L.
- Aging of Cell Communication: Loss of Receptor Function: Robert, L.; Fulop, T.
- Aging of the Brain, Dementias, Role of Infectious Proteins: Facts and Theories: Morinet, F.
- Aging as Alteration: Miquel, P.-A.
- Longevity and Its Regulation: Centenarians and Beyond: Robert, L.; Fulop, T.

Subject Index

Interdisciplinary Topics in Gerontology, Vol. 39
Aging: Facts and Theories
Editors: Robert, L. (Paris); Fulop, T. (Sherbrooke, Que.)
VIII + 216 pp., 32 fig., 9 tab., 2014
CHF 196.– / EUR 163.– / USD 231.00 (hard cover)
CHF 235.– / EUR 196.– / USD 277.00 (online)
Online versions are designed for institutional purchase
Prices subject to change
EUR price for Germany, USD price for USA and Latin America only

Fields of Interest: Gerontology/Geriatrics; Internal Medicine, Pathology, Arteriosclerosis, Biochemistry

www.karger.com/itoge
Scientific advances in clinical and experimental research

Interdisciplinary Topics in Gerontology

Series Editor: Tamás Fulop (Sherbrooke, Que.)
ISSN 0074–1132 / e-ISSN 1662–3800

At a time when interest in the process of aging is driving more and more research, Interdisciplinary Topics in Gerontology offers investigators a way to stay at the forefront of developments. This series represents a comprehensive and integrated approach to the problems of aging and presents pertinent data from studies in animal and human gerontology. In order to provide a forum for a unified concept of gerontology, both the biological foundations and the clinical and sociological consequences of aging in humans are presented. Individual volumes are characterized by an analytic overall view of the aging process, novel ideas, and original approaches to healthy aging as well as age-related functional decline.