

molecular biology of aging pdf

The Centre for Cellular & Molecular Biology (CCMB) is a premier research organization in frontier areas of modern biology. The objectives of the Centre are to conduct high quality basic research and training in frontier areas of modern biology, and promote centralized national facilities for new and modern techniques in the inter-disciplinary areas of biology.

CSIR - Centre for Cellular & Molecular Biology

Molecular genetics is the field of biology that studies the structure and function of genes at a molecular level and thus employs methods of both molecular biology and genetics.

Molecular genetics - Wikipedia

Senescence (/ s ɛˈ ɛː n ɛː s ɛˈ ɛː n s /) or biological aging is the gradual deterioration of functional characteristics. The word senescence can refer either to cellular senescence or to senescence of the whole organism.

Senescence - Wikipedia

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An Introduction to Biological Aging Theory Second Edition Theodore C. Goldsmith Azinet Press

An Introduction to Biological Aging Theory - Azinet

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Aging is associated with a decline in mitochondrial function and the accumulation of abnormal mitochondria. However, the precise mechanisms by which aging promotes these mitochondrial alterations and the role of the latter in aging are still not fully understood. Mitochondrial dynamics is a key process regulating mitochondrial function and quality. Altered expression of some mitochondrial dynamics proteins has been recently associated with aging and with age-related alterations in yeast ...

Mitochondrial Dynamics: Coupling Mitochondrial Fitness with Healthy Aging

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OUR AIMS. strengthen interactions between groups inside the CBM with complementary approaches (genetic, structural, molecular, etc.) to increase multidisciplinary and synergy in strategic projects.

Centro de Biología Molecular Severo Ochoa - CBMSO Home

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and models of human disease. This journal...

BBA Molecular Basis of Disease - Elsevier

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NanoPubls - Robert Freitas

American journal of public hygiene and journal of the Massachusetts Association of Boards of Health

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Aging is characterized by a progressive loss of physiological integrity, leading to impaired function and increased vulnerability to death. This deterioration is the primary risk factor for major human pathologies, including cancer, diabetes, cardiovascular disorders, and neurodegenerative diseases.

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