DESCRIPTION

Mechanisms of Ageing and Development is a multidisciplinary journal aimed at revealing the molecular, biochemical and biological mechanisms that underlie the processes of ageing and development in various species as well as of age-associated diseases. Emphasis is placed on investigations that delineate the contribution of macromolecular damage and cytotoxicity, genetic programs, epigenetics and genetic instability, mitochondrial function, alterations of metabolism and innovative anti-aging approaches. For all of the mentioned studies it is necessary to address the underlying mechanisms. Purely descriptive or correlative or case studies as well as various -omics data not linked to functional analyses are not considered.

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Gerontologists, cellbiologists, neuroscientists, molecular biologists

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INTRODUCTION

Mechanisms of Ageing and Development is a multidisciplinary journal aimed at revealing the molecular, biochemical, and biological mechanisms that underlie the process of ageing and the development of age-associated disease. Emphasis is placed on investigations that delineate the contribution of (1) oxidative damage and/or cellular metabolism; (2) genetic stability; (3) telomere integrity; (4) mitochondrial function; (5) genetic programs. Not of interest are (1) studies on age changes that are purely descriptive and which do not address underlying mechanisms; (2) psychological or social case studies and reports. Manuscripts in basic research areas relevant to the aims and scope are welcomed.

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Examples:

Reference to a journal publication:

Reference to a journal publication with an article number:

Reference to a book:

Reference to a chapter in an edited book:

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Reference to a dataset:

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