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Molecular-Cellular Basis of Ageing and Cancer

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Deadline for manuscript
submissions:

closed (5 September 2021)

Message from the Guest Editors

Dear Colleagues,

Aging is a complex phenomenon caused by the time-dependent loss of cellular homeodynamics and consequently of physiological organismal functions leading to increased morbidity (e.g. the so-called age-related diseases, including cancer) and mortality. In parallel, the age-related accumulation of senescent cells exerts detrimental effects fostering aging and cancer; thus, it is important to develop the rapidly expanding field of senotherapeutic agents which selectively kill senescent cells. Research or review articles addressing these topics or investigating the functional cross-talk of the different modules involved in aging and tumorigenesis in cells and/or model organisms, along with the age- and/or cancer-related deregulation of nutrients sensing and signaling pathways will be considered in this Special Issue.

Prof. Ioannis Trougakos

Prof. Vassilis Gorgoulis

Guest Editors



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Special Issue



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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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