

Special Issue

Cellular Senescence in Health, Disease and Aging: Blessing or Curse?

Message from the Guest Editor

When Hayflick and Moorhead coined the term “cellular senescence” (CS) almost 60 years ago, this phenomenon was understood as a mechanism, usually induced by activation of the DNA-repair machinery, to prevent uncontrolled proliferation. Meanwhile, additional beneficial roles for CS have been identified, such as embryonic development and wound healing. The senescence associated secretory phenotype (SASP) activated in most senescent cells (SC) signals to the immune system “come here and remove me”. This special issue will shed light on the molecular pathways of CS and inflammaging and on possible strategies to interfere with these processes.

Guest Editor

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