

Preface

A senolytic (from the words senescence and -lytic, "decomposition or breakdown") is among a class of small molecules under basic research to determine if they can selectively induce death of senescent cells and improve health in humans. A goal of this research is to discover or develop agents to delay, prevent, alleviate, or reverse age-related diseases. Removal of senescent cells with senolytics has been proposed as a method of enhancing immunity during aging.ⁱ

In the present book, twelve typical literatures about senolytic published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on senolytic. We hope this book can demonstrate advances in senolytic as well as give references to the researchers, students and other related people.

The Editorial Board of Academic Archives

Scientific Research Publishing

November 5th, 2025

ⁱ <https://en.wikipedia.org/wiki/Senolytic>