

Special Issue

Pharmacognosy and Phytotherapy: Natural Compounds from an Anti-aging Perspective 2024

Message from the Guest Editors

Undoubtedly, aging is a natural, evolutionarily programmed degenerative process characterized by functional impairments, tissue degeneration, cognitive deficits, and a senescent phenotype. Many external and internal factors can cause aging-related oxidative stress, including skin dryness and wrinkles, neurodegenerative disorders, atherosclerosis, diabetes, and cancer. The true success of modern pharmaceutical and medical sciences in the field of prevention and treatment of diseases related to aging largely depends on drugs originally derived from natural sources. Herbal raw materials, seafood, beekeeping products, and many other natural substances have been used in traditional medicine to treat and prevent various human diseases since time immemorial. This Special Issue aims to highlight the latest advances and the newest research to reveal the chemical structures of various natural substances which are promising for anti-aging applications as well as mechanisms and targets of their pharmacological actions. We are looking forward to receiving your submissions.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2025)



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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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