# **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 antiaging applications as well as mechanisms and targets of their pharmacological actions. We are looking forward to receiving your submissions.

### **Guest Editors**

Dr. Geir Bjørklund

Dr. Marija Shanajda

Dr. Olha Mykhailenko

### Deadline for manuscript submissions

closed (31 January 2025)



# **Pharmaceuticals**

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# **About the Journal**

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Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

### Editor-in-Chief

### Prof. Dr. Amélia Pilar Rauter

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