Special Issue

Anti-Aging and Skin Rejuvenation Ingredients: Design and Research

Message from the Guest Editors

In recent years, the demand for scientifically validated anti-aging and skin rejuvenation ingredients has advanced considerably, driven by increased consumer awareness, early preventive care, and advances in molecular research. This Special Issue aims to bring together recent innovations in the design, development, and evaluation of bioactive compounds with anti-aging and skin-restorative effects. Contributions may explore natural or synthetic ingredients that modulate skin hydration, elasticity, barrier integrity, extracellular matrix remodeling, or oxidative stress—key mechanisms underlying cutaneous aging. We welcome research that addresses ingredient formulation, delivery systems (e.g., nano- or microcarriers), synergistic combinations of novel active ingredients, and mechanistic insights into their dermocosmetic or nutricosmetic action. Both in vitro and in vivo models, as well as clinical and in silico studies evaluating efficacy, safety, and skin compatibility, are of interest.

Guest Editors

Dr. Anca Maria Juncan

Dr. Luca-Liviu Rus

Prof. Dr. Daniela Lucia Muntean

Deadline for manuscript submissions

31 December 2025

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/245587

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/journal/molecules

MDPI

About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).