

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

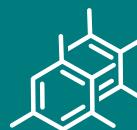
Dr. Anca Maria Juncan

Dr. Luca-Liviu Rus

Prof. Dr. Daniela Lucia Muntean

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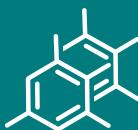


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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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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

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