Special Issue

Synthesis and Molecular Research of Drugs for Skin Diseases and Cosmetic Ingredients

Message from the Guest Editors

Skin diseases are considered a major health problem due to their high prevalence and psychological impact because of the visibility of skin lesions. By studying the molecular mechanisms involved in these diseases. researchers aim to unravel the intricate cellular processes contributing to their development, progression, and symptom manifestation. Due to the fact that the most important function of the skin results from its protective properties in relation to physical, chemical, biological and mechanical stimuli, the search for drugs that would protect the patient against these problems is a challenge. Moreover, cancerous lesions in the skin are a serious problem. Exploring the mechanisms of etiopathogenesis may contribute to developing new and more effective therapeutic approaches for the prevention and treatment of skin cancer. We invite chemists involved in the synthesis of new dermatological drugs, as well as those working on the molecular mechanisms of their action, to cooperate with us. We invite teams related to the field of dermatology to submit articles presenting both research and review works on molecular mechanisms related to skin diseases.

Guest Editors

Prof. Dr. Elzbieta Budzisz

Department of the Chemistry of Cosmetic Raw Materials, Faculty of Pharmacy, Medical University of Lodz, Muszynskiego Street 1, 90-151 Lodz, Poland

Dr. Paulina Mucha

Department of the Chemistry of Cosmetic Raw Materials, Faculty of Pharmacy, Medical University of Lodz, Muszynskiego Street 1, 90-151 Lodz, Poland

Deadline for manuscript submissions

closed (20 October 2025)



International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/206858

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijms@mdpi.com

mdpi.com/journal/ ijms





International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

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

