





an Open Access Journal by MDPI

Molecular Mechanisms of Microbe-Skin Interactions

Guest Editor:

Dr. Friedrich Götz

Microbial Genetics, Interfaculty Institute of Microbiology and Infection Medicine, Eberhard Karls Universität Tuebingen, 72076 Tuebingen, Germany

Deadline for manuscript submissions:

30 September 2024

Message from the Guest Editor

We are planning a series of publications that will shed light on the interaction between microorganisms and the skin at the molecular and physiological levels. The questions we would like to address are as follows: how do representatives of the skin microbiota manage to form such a long-lasting bond with the skin; how do they adhere to skin cells; how do they manage to survive and persist at low pH, high fatty acid content, and the presence of defensins; how do they outwit the immune system; how do microbial metabolites control the immune system and peripheral neuro svstem: how can pathogenic microorganisms can take over; and how they damage the skin and trigger the development of chronic skin diseases.

With this range of selected topics, we hope to contribute to a better understanding of the skin and its inhabitants.













an Open Access Journal by MDPI

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

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us