



Human Keratinocytes Stem Cells

Guest Editors:

Dr. Thomas Biedermann

Tissue Biology Research Unit,
Department of Surgery,
University Children's Hospital
Zurich, Zurich, Switzerland

Dr. Agnes Klar

Tissue Biology Research Unit,
Department of Surgery,
University Children's Hospital
Zurich, 8032 Zurich, Switzerland

Deadline for manuscript
submissions:
closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

The epidermis is the outermost skin layer that protects the body from the outer environment. The epidermis of the skin constantly renews itself throughout adult life, and skin appendages such as hair follicles undergo a perpetual cycle of growth and degeneration. Stem cells and their progeny are responsible for this self-renewal and play a pivotal role in this skin homeostasis and in wound healing. Keratinocyte stem cells reside in a special microenvironment called niche in the basal layer of the epidermis, in the hair follicle bulge, and in sweat glands.

For this Special Issue on “Human Keratinocyte Stem Cells”, we encourage authors to contribute original research articles and comprehensive state-of-the-art reviews related to various aspects of human keratinocyte stem cell biology on cellular and molecular levels, including but not limited to such topics as stem cell markers, stem cell localization, stem cell characterization, stem cell potential, role of stem cells in health and disease, and use of stem cells for clinical applications.





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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI