

Special Issue

Molecular Aspects of Cutaneous Squamous Cell Carcinoma

Message from the Guest Editors

Cutaneous Squamous Cell Carcinoma (cSCC) represents the second most frequent skin cancer and has recently showed a rapid increase in incidence worldwide. cSCC results from a multistep carcinogenesis process, ranging from actinic keratosis to metastatic cSCC, and derives from molecular alterations of those pathways that regulate the balance between proliferation, differentiation and apoptosis of epidermal cells. If identified early, it can be surgically treated, but it might be disfiguring and costly. On the other hand, if left untreated, cSCC can rapidly grow and often metastasizes. Hence, the identification of molecular biomarkers or altered gene networks will give a key mean through which the development of more effective and accessible therapies could be possible. Therefore, this Special Issue will accept research articles and reviews recapitulating all the molecular aspects of the biology and pathology of cSCC in both human and animal models, along with a description of significative biomarkers, including transcriptional regulators of gene expression, mutations linked to severe prognosis, drug resistance, or molecular target therapies.

Guest Editors

Prof. Dr. Carlo Pincelli

Dr. Maria I. Morasso

Dr. Elisabetta Palazzo

Deadline for manuscript submissions

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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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

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