



Chemokines in Cancer and Inflammatory Diseases

Guest Editors:

Prof. Dr. Paul Proost

Laboratory of Molecular
Immunology, Department of
Microbiology and Immunology,
Rega Institute for Medical
Research, KU Leuven, Herestraat
49 box 1042, B-3000 Leuven,
Belgium

Prof. Dr. Flavio A. Amaral

Department of Biochemistry and
Immunology, Institute of
Biological Sciences, Federal
University of Minas Gerais, Belo
Horizonte 31270-901, MG, Brazil

Deadline for manuscript
submissions:

closed (30 April 2019)

Message from the Guest Editors

Dear Colleagues,

Chemokines are critical mediators during homeostatic and pathological conditions, controlling cellular proliferation, differentiation, movement, and activation. In an inflammatory environment, chemokines have a major function in controlling leukocyte migration in the productive and the resolving phases of inflammation. Besides their active participation in acute and chronic inflammatory disorders, some chemokine have angiogenic or fibrotic properties. In addition, in cancer immunity, chemokines shape the tumor microenvironment by controlling the accumulation of different cellular populations that impact on tumor progression. Therefore, detailed knowledge on the activity of the chemokine system during pathological situations is essential for the development of new strategies to treat diseases targeting this chemokine system. Here, we invite authors to submit studies on the role of chemokines in homeostasis, inflammation or cancer.

Prof. Dr. Paul Proost
Prof. Dr. Flavio A. Amaral
Guest Editors





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

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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