

Special Issue

Structure and Function of the Polycomb Repressive Complexes PRC1 and PRC2

Message from the Guest Editor

Polycomb repressive complexes PRC1 and PRC2 are chromatin-modifying protein complexes involved in the transcriptional repression of hundreds of genes that control development and differentiation processes and are also involved in cancer and stem cell biology. Due to the combinatorial association of their core components and/or association with additional accessory factors that regulate enzymatic activity or genomic targeting, PRCs appear to be extremely diverse in their structure and function. Furthermore, due to the involvement of PRCs in a wide variety of cancers, they are rank highly as important targets of cancer therapy. The goal of this Special Issue is to present the current knowledge on the structure and function of PRCs, their role in different physiological and pathological processes, as well as rational strategies for drug discovery that targets PRCs. The formats for submissions include original research reports, reviews, perspectives/opinions, and methodology articles.

Guest Editor

Prof. Dr. Pierre-Olivier Angrand

CNRS, INSERM, CHU Lille, Centre Oscar Lambret, UMR 9020-UMR 1277-Canther-Cancer Heterogeneity, Plasticity and Resistance to Therapies, University of Lille, F-59000 Lille, France

Deadline for manuscript submissions

closed (31 May 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/42373

*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](https://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



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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)