







an Open Access Journal by MDPI

# **Advances in Epigenome Editing**

Guest Editors:

### Prof. Dr. Albert Jeltsch

Institute of Biochemistry and Technical Biochemistry, University of Stuttgart, Allmandring 31, 70569 Stuttgart, Germany

#### Dr. Pavel Bashtrykov

Department of Biochemistry, Institute of Biochemistry and Technical Biochemistry, University of Stuttgart, Stuttgart, Germany

Deadline for manuscript submissions:

closed (17 November 2019)

# Message from the Guest Editors

In this Special Issue of International Journal of Molecular Sciences, the concepts and applications of epigenome editing are presented at the intersection of molecular epigenetics, biochemistry, and synthetic biology. Potential topics include but are not limited to the design of enzymes applied in epigenome editing, genome targeting methods, design of dCas variants with improved properties, specificity and stability of epigenome editing as well as delivery methods of epigenome editors and their regulation. Review articles and primary papers are equally welcome. Publishing a paper in this Issue will present your work in the context of related papers written by other leaders of the field and by this maximize visibilty to the relevant audience and impact of your work.

The International Journal of Molecular Sciences peer-reviewed, open-access international. providing an advanced forum for biochemistry, molecular and cell biology, and molecular biophysics, and is published semi-monthly online by MDPI. The Australian Society of Plant Scientists (ASPS) and Epigenetics Society are affiliated with IJMS.













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 (Organic Chemistry)

## **Contact Us**