



an Open Access Journal by MDPI

# The Role of Histones in Human Health and Disease

Guest Editor:

#### Dr. Daniela Ligi

Department of Biomolecular Sciences, Section of Biochemistry and Biotechnology, Laboratories of Clinical Biochemistry, University Carlo Bo of Urbino, 61029 Urbino, Italy

Deadline for manuscript submissions: closed (30 April 2024)

### Message from the Guest Editor

Histones were initially known as intranuclear positivecharged proteins involved in the organization of the eukaryotic DNA into chromatin and gene transcription. Their post-translational modifications are crucial epigenetic mechanisms regulating various biological events, whose dysregulation is implied in various human diseases.

This Special Issue aims to collect the current advances in the knowledge of the beneficial and harmful roles of histones and their possible use as biomarkers and therapeutic targets.



**Special**sue





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