





an Open Access Journal by MDPI

State-of-the-Art Molecular Genetics in Japan

Guest Editors:

Dr. Naoyuki Kataoka

Laboratory of Cellular Biochemistry, Department of Animal Resource Sciences, Graduate School of Agriculture and Life Sciences, Tokyo, Japan

Prof. Dr. Satoshi Kishigami

Department of Environmental Sciences, University of Yamanashi, Yamanashi 400-8510, Japan

Deadline for manuscript submissions:

closed (30 November 2022)

Message from the Guest Editors

Dear colleagues,

This Special Issue of the *International Journal of Molecular Sciences (IJMS)* aims to rapidly publish contributions on all aspects of molecular genetics and genomes relating to all aspects of life from Japan. We encourage the submission of manuscripts that provide novel and mechanistic insights and papers that report significant advances in the field. Species including but not limited to mammals, rodents, fish, flies, worms, yeast, or other models of disease are of interest. Topics include, but are not limited to, the following:

- Gene regulation, chromatin, and epigenetics;
- Genome integrity, repair, and replication;
- Microbial genetics;
- Plant genetic and genomic studies;
- Sex differences;
- Genes or genomes related to phenotypes and human physiopathology;
- Cancer genetics and epigenetics;
- Pharmacogenetics and pharmacogenomics;
- Toxicogenomics, nutrigenomics, neurogenomics, etc.;
- Technological and analytical developments regarding genomic data;
- Functional genomics.



Specialsue









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