



## **Molecular Mechanisms of Gene Expression: “Bioinformatics of Gene Regulations and Structure”**

Guest Editors:

**Prof. Dr. Yuriy L. Orlov**

**Prof. Dr. Tatiana V. Tatarinova**

**Dr. Anastasia A. Anashkina**

Deadline for manuscript  
submissions:

**closed (30 September 2020)**

### **Message from the Guest Editors**

This Special issue, which shall collect papers on genomics in biomedicine and biotechnology, is based on the materials presented at “Bioinformatics of Genome Regulation and Structure/Systems Biology” (BGRS\SB-2020) Multi-Conference 6–10 July, in Novosibirsk, Russia (<https://bgrssb.icgbio.ru/2020/>). This *IJMS* Special Issue shall continue the thematic collection of recent advances in medical genetics and bioinformatics following the recent human population genetics conference in Moscow [https://www.mdpi.com/journal/ijms/special\\_issues/Medical\\_Gen](https://www.mdpi.com/journal/ijms/special_issues/Medical_Gen)

Topics of the Special Issue include:

- Genomics and omics technology applications;
- Medical genetics;
- Gene networks in diseases;
- Interdisciplinary research in genomics of model organisms;
- Genomics and systems biology.

We welcome novel materials beyond the conference discussion.





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