



an Open Access Journal by MDPI

## Cytogenomics

Guest Editor:

#### Prof. Dr. Ivan Y. Iourov

 Yurov's Laboratory of Molecular Genetics and Cytogenomics of the Brain Mental Health Research Center, 117152 Moscow, Russia
Laboratory of Molecular Cytogenetics of Neuropsychiatric Diseases, Veltischev Research and Clinical Institute for Pediatrics of the Pirogov Russian National Research Medical University, 125412 Moscow, Russia

Deadline for manuscript submissions: closed (10 January 2022)

## Message from the Guest Editor

Dear Colleagues,

This special issue is a venue for a broad spectrum of articles dedicated to the field of cytogenomics, as a whole. Briefly, structural, behavioral, evolutionary and functional aspects of chromosomes are to be covered. We believe that a collection of papers encompassing different cytogenomic dimensions represents a valuable contribution to bimolecular science.

# Keywords

- cytogenomics
- chromosome
- structural genome variations
- copy number variations
- chromosome instability
- chromosome abnormalities
- somatic mosaicism
- aneuploidy
- molecular cytogenetics
- systems biology/genomics









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