



Cytogenomics

Guest Editor:

Prof. Dr. Ivan Y. Iourov

1. Yurov's Laboratory of
Molecular Genetics and
Cytogenomics of the Brain
Mental Health Research Center,
117152 Moscow, Russia

2. 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 & 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