



## The Impact of Cancer Predisposition on Tumor Biology and Treatment

Guest Editors:

**Dr. Riccardo Spizzo**

Department of Translational  
Research, IRCCS CRO Aviano-  
National Cancer Institute, Aviano,  
Italy

**Dr. Alvaro Monteiro**

Cancer Epidemiology Program,  
H. Lee Moffitt Cancer Center and  
Research Institute, Tampa, FL  
33612, USA

Deadline for manuscript  
submissions:

**closed (31 October 2020)**

### Message from the Guest Editors

The present Special Issue aims to describe past, present, and possible future approaches to identify DNA regions and genes involved in cancer predisposition. It also aims to give a perspective on possible approaches to investigate the impact of genomic regions associated with cancer predisposition. Finally, this Special Issue aims to describe past, present, and potentially future examples of how cancer predisposition may impact anti-tumor therapies.

Sub-topics of the Special Issue:

1. Finding genomic regions and genes involved in cancer predisposition and risk
2. Exploring the role of genomic regions and genes associated with cancer predisposition and risk in cancer biology and tumor progression
3. Impact of germline mutations/variants of genes associated with cancer predisposition and antitumor therapy





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