



Genes, Environment and Cancer

Guest Editors:

Prof. Dr. Antonio Giordano

Department of Biology, College
of Science and Technology,
Temple University, PA, USA 2.
Department of Medical
Biotechnologies, University of
Siena, Italy

Dr. Iris Maria Forte

Department of Cell Biology and
Biotherapy Unit, Istituto
Nazionale Tumori-IRCCS-
Fondazione G. Pascale, I-80131,
Napoli, Italy

**Dr. Antonella Iannuzzi
Carmelina**

Department of Cell Biology and
Biotherapy Unit, Istituto
Nazionale Tumori-IRCCS-
Fondazione G. Pascale, I-80131,
Napoli, Italy

Deadline for manuscript
submissions:

closed (15 January 2021)

Message from the Guest Editors

Dear Colleagues,

Pollution is known to cause and exacerbate a number of chronic diseases, including cancer. In particular, the genetic and epigenetic susceptibility to cancer actually reinforce the concept of an environmental origin of many cancers. However, there is still a scientific debate as to whether cancer may be caused by the numerous polluting-activity-associated carcinogenic compounds. A clear example of this relationship is represented by malignant mesothelioma (MM). MM is a rare and highly fatal form of cancer of the pleura (or more rarely, peritoneum or pericardium) that is caused by the inhalation of asbestos and other mineral fibers. Most research efforts have focused on occupational exposure to asbestos and have demonstrated their carcinogenicity in animals and humans. However, the role of toxic environmental agents in the genesis of cancers affecting the general population, and the determination of the fraction of overall cancers attributable to pollution, remain issues worth investigation. Therefore, further research will need to explore this and provide a more comprehensive understanding of the problem.





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