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Genomics and Molecular Regulation in Cancer Pathogenesis

Guest Editors:

Dr. Xiaoqun Dong

The Liver Research Center,
Division of Gastroenterology,
Rhode Island Hospital/Lifespan,
Department of Medicine, The
Warren Alpert Medical School of
Brown University, Providence, RI
02903, USA

Prof. Dr. Ioana Berindan- Neagoe

1. Department of Genomics,
MEDFUTURE Institute for
Biomedical Research, Iuliu
Hațieganu University of Medicine
and Pharmacy, 400337 Cluj-
Napoca, Romania
2. Doctoral School, Iuliu
Hațieganu University of Medicine
and Pharmacy, 400337 Cluj-
Napoca, Romania
3. The Academy of Medical
Sciences, 030167 Bucharest,
Romania

Message from the Guest Editors

A Special Issue on the hot topic " Molecular Regulation and Mechanism in Cancer Pathogenesis" is being prepared for the journal *IJMS*. The idea moves from the basis that (genetic and epigenetic) molecular mechanism is essential for better understanding of cancer development and progression. A complex network of oncogenes, tumour suppressor genes and related molecules cooperate to initiate and promote cancer development and progression (especially multi-drug resistance, relapse/recurrence, local invasion and distant metastasis). The network is regulated in response to selective pressure under stress and treatment. Identification and validation of molecular biomarkers and targets have been explored over the years using different and complementary tools from *in vivo*, *ex vivo* to *in vitro* systems, as well as in silico methodologies. A few validated biomarkers and therapeutic targets have boosted extensive investigations of cancer molecular and cellular mechanisms.

Deadline for manuscript
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Special Issue



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Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

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International Journal of Molecular
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MDPI, Grosspeteranlage 5
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