



Advances in Molecular Oncology

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

The completion of the human genome project and the availability of high-throughput technologies have led a dramatic change in cancer research. The field of molecular oncology is growing rapidly and it has a great impact on basic science, clinical study, and translational cancer research. This open-access topical collection issue will bring together original research and review articles on molecular oncology.

Topics of this Topical Collection include, but are not limited to:

- Key biological processes such as: genome instability, checkpoints, cell cycle, DNA repair, apoptosis, invasion and metastasis, signaling pathway, "drivers" *versus* "passengers"
- Molecular tumor pathology
- Tumor microenvironment
- Cancer epidemiology and prevention
- Cancer biomarkers
- Cancer therapy
- Translational cancer research
- High-throughput technologies
- Genomic and proteomic databases and applications





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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.

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