

Special Issue

Integrative Omics Approaches to Decipher Cancer Signaling

Message from the Guest Editors

Over the last few decades, omics-based high-throughput approaches have enabled researchers to unravel some of the molecular mechanisms of cancer in unprecedented detail. Vast amounts of omics datasets deposited into cancer-specific public repositories have enabled rapid developments in cancer-based diagnostics, prognostics, and therapies. The integration of multi-omics datasets will allow deciphering and modeling mechanisms of tumorigenesis, cancer heterogeneity, drug resistance, cancer recurrence, and cancer patients' survival. This Special Issue on "Integrative Omics Approaches to Decipher Cancer Signaling" will focus on studies that integrate multi-omics data on cancer and thereby identify, characterize, and validate mechanisms of cancer signaling. We welcome original papers and reviews on this emerging area of cancer biology. Original articles describing at least two omics-based approaches applied to study patient samples or in vitro models, as well as studies developing logical models of tumor-specific processes using deposited or original multi-omics findings are encouraged.

Guest Editors

Dr. Yashwanth Subbannayya

Department of Clinical and Molecular Medicine (IKOM), Norwegian University of Science and Technology (NTNU), 7491 Trondheim, Norway

Dr. Sanjiban Chakrabarty

Department of Cell and Molecular Biology, Manipal School of Life Sciences, Manipal Academy of Higher Education, Manipal 576104, Karnataka, India

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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

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