

## Special Issue

# Genetics and Epigenetics of Cancer Cells and Tumor Microenvironment

### Message from the Guest Editor

Our Special Issue aims to publish original and review articles on the germinal and somatic mutations, DNA methylation profiles, histone code alterations, and miRNAs that control the biology of transformed cells and various cells of tumor microenvironments and their circulating precursors. We invite submissions that deal with the pre-clinical *ex vivo* and *in vivo* models and analyses of patient cohorts. Of particular interest are genetic and epigenetic biomarkers that can be identified by minimally invasive technologies, facilitating their translation into clinical practices, especially if such genetic and epigenetic biomarkers can be applied for the personalisation of therapeutic schemas and for the stratification of cancer patients. We aim to highlight the critical pathways and molecules for therapeutic targeting to revert detrimental genetic and epigenetic programs in various cell types and restore homeostatic balance in tissue and organs.

### Guest Editor

Prof. Dr. Julia Kzhyshkowska

Institute of Transfusion Medicine and Immunology, Mannheim Institute for Innate Immunoscience (MI3), Medical Faculty Mannheim, Heidelberg University, 68167 Mannheim, Germany

### Deadline for manuscript submissions

closed (31 October 2023)



## International Journal of Molecular Sciences

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## About the Journal

### 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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