

Special Issue

A Commemorative Issue in Honour of Rudolf Virchow: From Cell Morphology to Molecular Pathology

Message from the Guest Editors

“Chemistry brings the clarification of living processes nearer than does anatomy. Each anatomical change must have been preceded by a chemical one.” After 120 years from Virchow’s death, his words sound like a prophecy in front of the outstanding achievements of molecular research. Indeed, “chemical changes” at the subcellular and molecular level, like point mutations and single nucleotide polymorphisms, are currently exploited in several medical fields, ranging from oncohematology to prenatal diagnosis of genetic diseases. This special issue, dedicated to the Father of modern pathology, will honour his memory, providing the latest insights into molecular techniques for medicine. Original research papers, reviews and case studies reporting innovative molecular assays for pathology studies, diagnostic purposes, as well as for adjustment of therapy, are herein welcome. Keywords

- molecular methods
- biomarkers
- biochemical mechanisms
- bioinformatics
- omics
- data mining
- laboratory medicine
- translational research

Guest Editors

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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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