

Special Issue

Recent Advances of Proteomics Applied to Cancer and Human Diseases

Message from the Guest Editors

Cancer is a complex disease with dysregulation of normal cellular signaling networks that control cell behaviors, such as proliferation and apoptosis, caused by genetic, genomic, and epigenetic alterations at the cellular or tissue levels. It includes several modifications at the proteome level, such as modifications of protein expression level or localizations; abnormal protein expressions; modifications of post-translational patterns; and altered signalization, metabolic pathways, and immune system. In this Special Issue, we would like to gather contributions reporting very recent advances in the development of proteomics in cancer. We invite you to participate in this Special Issue, and we expect original works addressing the biological models (2D and 3D cellular models, biological fluids, and tissues from biobanks) suited for proteomics analysis, the discovery of new protein biomarkers and targets, the determination of post-translational modifications, their profiles, cross-talks and implications in signal transduction, cellular reprogramming, and immune response during tumoral progression.

Guest Editors

Prof. Dr. Michel Sève

Dr. Walid Rachidi

Dr. Sandrine Bourgoïn-Voillard

Deadline for manuscript submissions

closed (31 January 2021)



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

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

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