

Special Issue

Molecular Application of Mass Spectrometry and Chromatography in Biomedicine

Message from the Guest Editor

Mass spectrometry and chromatography are revolutionizing medical research and diagnostics, delving deep into the intricate molecular landscapes of biological systems and uncovering crucial insights into the mechanisms of disease, the identification of biomarkers, drug metabolism, and personalized medicine. In this Special Issue, by considering the field of Biomedicine, we wish to collect papers addressing the application of mass spectrometric techniques, whether used alone or in combination with chromatography, for the identification, quantification, or structural elucidation of biomolecules, including proteins, lipids, metabolites, and pharmaceutical compounds; this will enable the study of disease biomarkers, advance drug discovery, unveil potential health benefits, and enhance clinical diagnostics. This Special Issue is supervised by and assisted by our Topical Advisory Panel Member Dr. Mariachiara Bianco. We would like to invite you to contribute original articles or reviews related to approaches involving mass spectrometry and chromatography for biomedical application.

Guest Editor

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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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