

Special Issue

Advanced Applications of Mass Spectrometry for Proteomics Analysis

Message from the Guest Editor

Mass spectrometry is firmly established as an essential analytical technique in almost every branch of the life sciences, and in particular biomedical research. It is at the heart of proteomics, the term given to large-scale and/or unbiased protein identification, quantitation, and characterization. Advances in proteomics-based research are underpinned by new technologies and methods, and this Special Edition aims to highlight recent developments including but not limited to sample preparation, applications of data-independent acquisition, micro-scale analysis, and characterization of post-translational modifications.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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