

Special Issue

Biomolecular NMR Spectroscopy

Message from the Guest Editors

NMR is a non-invasive technique that can provide invaluable structural information on complex molecular organizations. It is one of the most powerful techniques in structural biology research that can deliver explicit information on protein architecture and dynamics. This information advances our understanding of complex biological mechanisms and provides guidance for drug design and development. Recent advancements in NMR methods and instrumentation have enabled structure determination of large biomolecules (including protein complexes) and the study of these biomolecules in complex cellular environments. The recent development of NMR methods to carry out in situ study of cell membrane constituents, i.e., lipids, small molecules, proteins, and peptides, is also providing exciting insights into cellular research.

Guest Editors

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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