

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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Deadline for manuscript submissions

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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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