

Special Issue

Application of NMR Spectroscopy in Biomolecules: 2nd Edition

Message from the Guest Editor

Nuclear magnetic resonance spectroscopy is a powerful biophysical technique for studying the structure, dynamics, folding mechanisms, and interactions of biomolecules at an atomic resolution. This Special Issue is dedicated to new advances in the technical developments and applications of solution and solid-state NMR methodologies in biology, pathology, and pharmacology covering structural biology (i.e., proteins, peptides, nucleic acids, and carbohydrates; membrane proteins and lipids); biomolecule interactions (i.e., protein–protein, protein–DNA, antigen–antibody); folding and disordered proteins; conformational dynamics; molecular mechanisms underlying disease progression; structural and dynamical features of biomolecules in cellular environments; and pharmaceutical applications (i.e., structure/fragment-based drug discovery and metabolomics). In this regard, I would be very pleased if you would agree to contribute to this Special Issue either with an original research article, a short communication, or a review.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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