

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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