

Special Issue

Progress in Spectroscopic Studies of Biomolecules

Message from the Guest Editor

One of the main objectives of the researchers, working in the fields of biophysics and biochemistry, is to bring information on the relationships between structure and function/action of biological molecules. Numerous investigation tools have been developed during recent decades, among which the spectroscopic techniques maintain a privileged position. In association with crystallography, used basically to explore the biomolecular structure in solid phase, nuclear magnetic resonance, optical spectroscopy, X-ray and neutron scattering have particularly shown their capability of providing valuable information in solution state. With the constant progress in computation techniques, theoretical methods based on classical and/or quantum mechanical approaches, were developed to complete structural and dynamical data on biomolecules. The aim of this Special Issue is to encourage reports on different spectroscopic investigations on biomolecules, as well as on molecules with biological interest. Papers may focus either on new technical developments in different spectroscopic approaches, or on the application of the existing ones to analyze biomolecules at different levels.

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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