

Special Issue

Vibrational Spectroscopy Methods to Investigate Macromolecules

Message from the Guest Editor

We are delighted to announce a call for submission to a Special Issue of the *International Journal of Molecular Sciences* dedicated to the investigation of the chemical conformation of macromolecules via vibrational spectroscopies. In combination with the standard microscopical techniques such as TEM, SEM AFM, etc., FTIR and Raman (in particular, SERS, TERS and Resonant Raman), are often used to disentangle the macromolecules chemical constitution, often corroborated with conventional absorption and fluorescence measurements. We encourage the submission of original research articles and topical reviews, both theoretical and experimental, on all aspects of spectroscopically investigation of macromolecules, from FTIR to Raman, spanning from biomolecules (DNA, proteins) to organic semiconductors and polymers, with particular attention to green chemistry.

Guest Editor

Dr. Francesco D'Amico

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Deadline for manuscript submissions

closed (15 June 2023)



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About the Journal

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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