

Special Issue

New Frontiers of Raman Spectroscopy in Biochemistry and Biophysics

Message from the Guest Editor

This issue aims to attract the attention of researchers to the growing potential of Raman spectroscopy in Biochemistry and Biophysics. During the past decade, Raman spectroscopy has been used to identify biological systems, probe their metabolism and physiologically important changes on the cell and tissue levels. Although these findings are exciting, they barely scratch the surface of the actual potential of Raman spectroscopy in biochemistry and biophysics. This issue will be focused on, but not limited to, the use of Raman spectroscopy in (i) determination of structural transformations in living systems; (ii) probing cell and tissue metabolism; (iii) nanoscale imaging of biological specimens.

Guest Editor

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Message from the Editor-in-Chief

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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