

## Special Issue

# Vibrational Spectroscopy and Imaging for Chemical Application

### Message from the Guest Editors

This Special Issue will explore the techniques of vibrational (Raman and infrared) spectroscopy and imaging, which have the potential to acquire molecular information with little or no sample preparation. Raman and infrared spectroscopy are rapid, non-destructive, and often yield information-rich data on the chemical and physical properties of a sample. This Special Issue will highlight new technological developments in this area, including data analytics and novel applications of these methods to address questions about the qualitative and quantitative composition of samples and the location and distribution of chemical species in samples. In this issue, topics of interest within potential applications include disease detection, polymers, food adulteration, forensics, geochemistry, environmental analysis, and quality assurance in materials and pharmaceuticals. We are soliciting both original research papers and review articles that cover instrumentation, methodology, data analysis, and cutting-edge applications, a some combination of these, with impacts on the current state of analytical problem solving.

### Guest Editors

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### Deadline for manuscript submissions

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## Molecules

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## About the Journal

### 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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