

## Special Issue

# Molecular Spectroscopy and Molecular Structure

### Message from the Guest Editors

Molecular spectroscopy plays a fundamental role in deciphering molecular structures, interactions, and dynamics, with applications spanning chemistry, physics, material sciences, and life sciences. This Special Issue seeks to showcase innovative developments in the methods/techniques of all areas of molecular spectroscopy such as IR, Raman, UV-vis, and NMR, as well as their integration with computational methods to unravel complex molecular structures. Topics of interest include, but are not limited to, the following:

- Advanced spectroscopic methods (ultrafast, terahertz, nonlinear, and single-molecule spectroscopy);
- Quantum chemical calculations for spectral interpretation and hydrogen bonding;
- Molecular structure determination and dynamics;
- Spectral applications in catalysis, materials, biomolecules, and environmental sciences.

### Guest Editors

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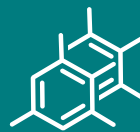
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### Deadline for manuscript submissions

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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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### Editor-in-Chief

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