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## Thermodynamics, Structure, and Intermolecular Interactions in Solutions

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Deadline for manuscript submissions:

**closed (31 May 2023)**



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### Message from the Guest Editors

Dear Colleagues,

The key issues of structural evolution and intermolecular interactions in molecular thermodynamics, statistical thermodynamics, and molecular self-assembly play important roles in a range of multidisciplinary fields such as chemistry, materials science, crystal engineering, pharmaceutical science, environmental science, and earth science. Robust discussion on the evolution of molecular structures and intermolecular interactions in solution has already resulted in vast leaps in science and technology, and will undoubtedly lead to further insights and open new horizons in relation to molecular thermodynamics and phase transition mechanisms and kinetics.

The manuscripts might relate to, but are by no means limited to, the following topics:

1. Experimental, theoretical, or combined perspective views on molecular thermodynamics or molecular simulation in organic, inorganic or physical chemistry;
2. The exploitation of different experimental techniques (NMR, IR, Raman, UV-vis spectroscopy, etc.) for the characterization of intermolecular interactions or solution species;
3. Physical interpretations or molecular insights into the molecular self-assembly process.



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## Editor-in-Chief

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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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