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## Halogen Bonds: Combining Experiment and Theory

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Deadline for manuscript  
submissions:

**closed (30 November 2019)**

### Message from the Guest Editor

Dear Colleagues,

In order to constructively contribute to these debates, particularly helpful is the combination of experimental and theoretical data, which can offer a unified and multi-faceted view of halogen bonding interactions. In this way, it is possible to provide a solid framework to interpret the present results and to plan future works.

This Special Issue aims to present new interconnections between experimental and theoretical techniques, with the possibility to explore all fields of chemistry: halogen bond-catalyzed reactions, structure–property correlations, solution and solid-state spectroscopy, functional materials engineering. Therefore, original manuscripts (either full-length articles or short communications) reporting on the combination of experimental and theoretical data, and theoretical works strongly based on published experimental studies (and vice-versa), are welcome, together with perspective and review articles.

Dr. Gianluca Ciancaleoni

*Guest Editor*



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# Special Issue



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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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