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New Trend in Supramolecular Chemistry of Nucleobases

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Message from the Guest Editor

Dear Colleagues,

The five natural nucleobases adenine, cytosine, guanine, thymine, and uracil participate in the self-assembly of DNA and RNA nucleic acids. As such, these nucleobases have been of great interest to researchers in a diverse range of fields. With the outbreak of research articles in the field of supramolecular chemistry and a better understanding of how molecules interact with each other, increased information has emerged on the complex supramolecular behavior of these nucleobases.

The goal of this Special Issue is to focus on the most recent advances in the field of the supramolecular chemistry of nucleobases and their analogues. Theoretical and experimental contributions dealing with chemical modifications and structural characterizations, structure–activity relationships, mechanism of interaction with simple organic molecules and metals of nucleobases, and their simple aggregates or small clusters are welcome.



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Special Issue



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Message from the Editor-in-Chief

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