Special Issue

Advances in S-Triazine-Based Therapeutics: From Antimicrobials to Neurodegenerative Disease Modulators

Message from the Guest Editor

1,3,5-Triazine, known as s-triazine, is one of the oldest heterocyclic compounds available, and due to its low cost and high availability, it has continually attracted the attention of scientists who aim to synthesize and investigate the activity of its new derivatives. Nucleophilic substitution in the s-triazine ring is favored over electrophilic substitution due to its lower basicity and much weaker resonance energy than that of benzene. Thus, a number of heterocyclic compounds with a symmetric s-triazine core have been obtained, which represent an interesting class of compounds with a wide spectrum of biological properties. Recently, however, derivatives with activity against agents in other clinical problems, such as neurodegenerative diseases, have also been obtained. This Special Issue focuses on recent developments in the design, synthesis, and activity testing of new s-triazine derivatives, as well as new molecular targets for these compounds.

Guest Editor

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