

Tentative Outline

Special Thematic Issue for the journal Current Indian Science

Chemistry of heterocyclic compounds

Guest Editor: T. R. Swaroop

- **Scope of the Thematic Issue:**

Natural products, drugs, and many intermediates in organic synthesis are composed of heterocyclic compounds. Besides, heterocyclic compounds find applications in medicinal chemistry, materials chemistry and textile industries. As a consequence, numerous methods are available for their synthesis. This thematic issue accepts review articles on synthetic methods and applications of heterocyclic compounds.

Keywords: Heterocycles, synthetic method, organic synthesis, synthetic transformation, heterocyclic compounds.

Sub-topics:

The sub-topics to be covered within the issue should be provided:

- N-Heterocycles
- O-Heterocycles
- S-Heterocycles
- Other heterocycles

Tentative titles of the articles:

1. A review on syntheses and applications of coumarinyl compounds.
2. Studies on heteroaryl substituted terpyridine systems and their metal complexes during the last decade.
3. Synthesis of metallodrugs as promising anticancer chemotherapeutic derived from heterocyclic ligand scaffolds.
4. A review on synthesis of quinoxalines.
5. A facile synthesis and biological evaluation of spiro thiazolidine-based derivatives.
6. Pyrazolopyrimidine as a versatile building block in medicinal chemistry.
8. An overview of contemporary developments by heterocyclic derivatives of Benz-1,3-azoles as an emerging tool for ion recognition.

Schedule:

Thematic issue submission deadline: 31st August 2022.

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